



# भारत का राजपत्र

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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।  
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

### भाग III—खण्ड 2

#### [PART III—SECTION 2]

[पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस]  
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

#### THE PATENT OFFICE

#### PATENTS AND DESIGNS

Kolkata, the 14th June 2003

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- Patent Office Branch,  
Todi Estates, IIrd Floor,  
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The States of Gujarat,  
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Goa and Chhattisgarh and the Union Territories of Daman and Diu & Dadra and Nagar Haveli.  
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Telegraphic Address "PATENTOFIC"  
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587 1257, 587 1258, 587 7245.  
Fax No. (011) 587 6209, 587 2532.

3. Patent Office Branch,  
Guna Complex, 6th Floor, Annex-II,  
443, Annasalai, Teynampet,  
Chennai-600 018.

The States of Andhra Pradesh,  
Karnataka, Kerala, Tamilnadu and Pondicherry and the Union Territory of Lakshadweep.

Telegraphic Address "PATENTOFFICE"  
 Phone No. (044) 431 4324/4325/4326.  
 Fax No. (044) 431 4750/4751.

4. Patent Office (Head Office),  
 Nizam Palace, 2nd M.S.O. Building,  
 5th, 6th & 7th Floor,  
 234/4, Acharya Jagadish Bose Road,  
 Kolkata-700 020.

Rest of India.

Telegraphic Address "PATENTS"  
 Phone No. (033) 247 4401, 247 4402, 247 4403.  
 Fax No. (033) 247 3851, (033) 240 1353.

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 as amended by the Patents (Amendment) Act, 1999 or the Patents Rules, 1972 as amended by The Patents (Amendment) Rules, 1999 will be received only at the appropriate offices of the Patent Office.

Fees : The Fees may either be paid in cash or may be sent by Bank Draft or Cheques payable to the Controller of Patents drawn on a scheduled Bank at the place where the appropriate office is situated.

पेटेंट कार्यालय  
 प्रकस्त्र तथा अभिकल्प  
 कोलकाता, दिनांक 14 जून 2003

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कोलकाता में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं:-

1. पेटेंट कार्यालय शाखा,  
 टोडी इस्टेट, तीसरा तला,  
 सन मिल कम्पाउंड  
 लोअर परेल (वेस्ट),  
 मुम्बई - 400 013।

गुजरात, भागाय्य मध्य प्रदेश,  
 गोआ तथा छत्तीसगढ़ राज्य क्षेत्र एवं  
 संघ शासित क्षेत्र, दमन तथा दीवा,  
 दादर और नगर हवेली।

तार पता - "पेटेंटफिल"

फोन - (022) 492 4058, 496 1370, 490 3684.  
 फैक्स - (022) 495 0622.

2. पेटेंट कार्यालय शाखा,  
 डब्ल्यू-5, वेस्ट पटेन्ट नगर,  
 नई दिल्ली - 110 008।

हरियाणा, हिमाचल प्रदेश, जम्मू  
 तथा कश्मीर, पंजाब, राजस्थान,  
 उत्तर प्रदेश, दिल्ली तथा उत्तरांचल राज्य  
 क्षेत्रों, एवं संघ शासित क्षेत्र चंडीगढ़।

तार पता - "पेटेंटफिल"

फोन - (011) 587 1255, 587 1256, 587 1257,  
 587 1258, 587 7245.

फैक्स - (011) 587 6209, 587 2532.

3. पेटेंट कार्यालय शाखा,  
 गुणा कम्प्लेक्स, छठा तला, एनेक्स-II,  
 443, अन्नामलाई, तेनामपेट,  
 चेन्नई - 600 018।

आन्ध्र प्रदेश, कर्नाटक, करल, तमिलनाडु  
 तथा पाण्डिचेरी राज्य क्षेत्र एवं संघ  
 शासित क्षेत्र, लक्ष्मीपुर।

तार पता - "पेटेंटोफिल"  
 फोन - (044) 431 4324/4325/4326.  
 फैक्स - (044) 431 4750/4751.

4. पेटेंट कार्यालय (प्रधान कार्यालय),  
 निजाम पैलेस, छठीय बहुतलीय कार्यालय  
 भवन, 5वां, 6वा व 7वां तला,  
 234/4, आचार्य जगदीश बोस मार्ग,  
 कोलकाता - 700 020।

भारत का अवशेष क्षेत्र।

तार पता - "पेटेंट्स"  
 फोन - (033) 247 4401, 247 4402, 247 4403.  
 फैक्स - (033) 247 3851, (033) 240 1353.

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 1999 अथवा पेटेंट (संशोधन) नियम, 1972 द्वारा अपेक्षित सभी आवेदन, सूचनाएं, विवरण या अन्य दस्तावेज या कोई फोस पेटेंट कार्यालय के केवल समुचित कार्यालय में ही ग्रहण किए जाएंगे।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा जहां उपयुक्त कार्यालय अवस्थित है, उस स्थान के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा चैक द्वारा को जा सकती है।

**"All the patent applications filed upto 31<sup>st</sup> October 2001 other than those for which secrecy directions have been imposed and continued under section 35, shall be deemed to have been published under section 11A of Patents Act 1970 as amended by the Patent (Amendment) Act, 2002. The particulars of the application and abstract may be inspected at the appropriate offices".**

**GOVERNMENT OF INDIA  
THE PATENT OFFICE  
KOLKATA -14.06.2003**

**APPLICATION FOR THE PATENT FILED AT THE HEAD OFFICE 234/4 ACHARYA JAGDISH BOSE KOLKATA - 700 020.**

**The data shown in the crescent bracket are the dated claimed under section 135, under Patent Act, 1970.**

**01.04.2003**

194/KOL/03	INDIAN JUTE INDUSTRIES RESEARCH ASSOCIATION. <i>JUTE GEO-TEXTILES.</i>
195/KOL/03	OSRAM SYLVANIA INC. <i>SNAP TOGETHER AUTOMOTIVE LED LAMP ASSEMBLY.</i> (Convention nos. 60/371,015 AND 10/260,912 FILED ON 9.4.02 AND ON 30.9.02 IN U.S.A RESPECTIVELY.)
196/KOL/03	INDIAN INSTITUTE OF TECHNOLOGY. <i>HIGH PERFORMANCE FLOCCULATING AGENTS AND VISCOSIFIERS BASED ON HYDROLYSED GRAFTED AMYLOPECTIN AND POLYACRYLAMIDE GRAFTED CARBOXYMETHYL CELLULOSE.</i>

**02.04.2003**

197/KOL/03	BORGWARNER INC. <i>VCT MECHANISM HAVING A LOCK PIN ADAPATED TO RELEASE AT A PRESSURE HIGHER THAN THE PRESSURE REQUIRED TO HOLD THE LOCK PIN IN THE RELEASED POSITION.</i> (Convention no. 60/374, 332 FILED ON 22.4.02 IN U.S.A.)
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**03.04.2003**

198/KOL/03	BORGWARNER INC. <i>HYDRAULIC DETENT FOR A VARIABLE CAMSHAFT TIMING DEVICE.</i> (Convention nos. 60/374,201 AND 10/376,900 FILED ON 19.4.02 AND ON 28.2.03 IN U.S.A RESPECTIVELY.)
199/KOL/03	BORGWARNER INC. <i>HYDRAULIC CUSHIONING OF A VARIABLE VALVE TIMING MECHANISM.</i> (Convention nos. 60/374,241 AND 10/376,876 FILED ON 19.4.02 AND ON 28.2.03 IN U.S.A RESPECTIVELY.)

**04.04.2003**

200/KOL/03	ANURIMA SARMA, KRISHNA GOPAL BHATTACHARYYA. <i>NEEM LEAF POWDER AS AN ADSORBENT FOR REMOVAL OF DYES &amp; PIGMENTS AS WELL AS METALS FROM CONTAMINATED WATER.</i>
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**07.04.2003**

201/KOL/03	TAPAS CHANDA. <i>MAKING OF VERY THERMALLY STABLE STRONG, LIGHT WEIGHT Al-Ti ALLOYS FOR STRUCTURAL APPLICATIONS E.G AVIONICS (NORMAL &amp; SUPERSONIC 3M-5M) AUTOMOTIVE &amp; OTHERS.</i>
202/KOL/03	TAPAS CHANDA. <i>MAKING OF THIN FOIL FOR TRANSMISSION ELECTRON MICROSCOPY, THE EASIEST &amp; QUICKEST WAY.</i>
203/KOL/03	KABUSHIKI KAISHA MORIC. <i>MAGNET ARRANGEMENT FOR ROTATING ELECTRICAL MACHINE.</i> (Convention nos.2002-107538 AND 10/249378 FILED ON 10.4.2002 AND ON 03.04.2003 IN JAPAN & U.S.A RESPECTIVELY.)
204/KOL/03	PRINTRONIX, INC. <i>LINE PRINTER WITH STAGGERED MAGNETICS.</i> (Convention no.10/119,557 FILED ON 10.4.02 IN U.S.A.)
205/KOL/03	BORGWARNER INC. <i>AIR VENTING MECHANISM FOR VARIABLE CAMSHAFT TIMING DEVICES.</i> (Convention nos. 60/374/165 AND 10/376,899 FILED ON 19.4.02 AND ON 28.2.03 IN U.S.A. RESPECTIVELY.)
206/KOL/03	LIFESCAN, INC. <i>MINIMAL PROCEDURE ANALYTE TEST SYSTEM.</i> (Convention no.10/142,443 FILED ON 9.5.02 IN U.S.A.)
207/KOL/03	LIFESCAN, INC <i>HYDROPHILIC COATINGS FOR MEDICAL IMPLEMENTS.</i> (Convention no.10/137,017 FILED ON 1.5.02 IN U.S.A.)
208/KOL/03	LIFESCAN, INC <i>PHYSIOLOGICAL SAMPLE COLLECTION DEVICES AND METHODS OF USING THE SAME.</i> (Convention no.10/143,442 FILED ON 09.05.02 IN U.S.S.A)

**APPLICATIONS FOR PATENTS FILED AT THE OFFICE BRANCH  
Guna Complex, Annex II, 6th Floor, No. 443, Anna Salai, Teynampet,  
Chennai - 600 018**

**21<sup>st</sup> October, 2002**

- 772/MAS/2002 Sree Chitra Tirunal Institute for Medical Sciences & Technology. Radiopaque glass filler and a process for the preparation thereof.
- 773/MAS/2002 George Ajit. Head and body massaging system.
- 774/MAS/2002 S.V.Krishnamurty. A new technology to convert bamboo into a substitute for natural timber.
- 775/MAS/2002 Sumitomo Chemical Company, Limited. Pesticidal substance for heat-vaporization. (October 23, 2001; Japan)
- 776/MAS/2002 Chen-Hui LIN. Dobby ribbon loom.

**22<sup>nd</sup> October, 2002**

- 777/MAS/2002 Joseph John Joseph. Safety blood pads for dialysis venipunctures.
- 778/MAS/2002 ABB Research Ltd. Film capacitor and film for a film capacitor. (October 23, 2001; Europe)
- 779/MAS/2002 ABB Research Ltd. Film for a film capacitor and film capacitor. (October 23, 2001; Europe)
- 780/MAS/2002 Koninklijke Philips Electronics N.V. Method of copying compressed digital data. (October 23, 2001; France)
- 781/MAS/2002 Strand Genomics Private Limited. System for crystal image analysis and method thereof.

**23<sup>rd</sup> October, 2002**

- 782/MAS/2002 Chevron USA Inc. Multiple hydroprocessing reactors with intermediate flash zones. (October 23, 2001; US)
- 783/MAS/2002 Smith & Loveless, Inc. Apparatus and method for extracting particles from a fluid stream. (October 26, 2001; US)

24<sup>th</sup> October, 2002

- 784/MAS/2002 Orchid Chemicals & Pharmaceuticals Ltd. Process for the preparation of cephalosporin antibiotics.
- 785/MAS/2002 Orchid Chemicals & Pharmaceuticals Ltd. An improved process for preparing cefixime.
- 786/MAS/2002 Mitsubishi Denki Kabushiki Kaisha. Stator for a rotating electric machine. (March 15, 2002; Japan)
- 787/MAS/2002 Mitsubishi Denki Kabushiki Kaisha. Rotating electric machine. (March 25, 2002; China)
- 788/MAS/2002 Christopher C. Sykes. Partition frame structure. (October 25, 2001; Canada)
- 789/MAS/2002 Dr.P.A.Janakiraman. Separately excited synchronous/BLDC motor without slip rings.

25<sup>th</sup> October, 2002

- 790/MAS/2002 Mitsubishi Denki Kabushiki Kaisha. Motor for an electric power steering assembly.
- 791/MAS/2002 Mitsubishi Denki Kabushiki Kaisha. Parallel operation method for an uninterruptible power supply apparatus. (March 28, 2002; Japan)

28<sup>th</sup> October, 2002

- 792/MAS/2002 Dr.Reddy's Laboratories Ltd. Novel compounds and their use in medicine: Process for their preparation and pharmaceutical compositions containing them.
- 793/MAS/2002 Prof. Marpu. Ananda Rao & Others. An automatic oscillating lever.
- 794/MAS/2002 Marine Desalination Systems LLC. A method of capturing carbon dioxide from exhaust containing carbon dioxide and produced by an exhaust gas producing plant and producing purified water generally concurrently therewith. (July 12, 1999; US) (Div. to Patent Appln. No.IN/PCT/2002/00133/CHE dated May 18, 2000.)

29<sup>th</sup> October, 2002

- 795/MAS/2002 Heng-Chien CHEN. Wireless digital key telephone system.
- 796/MAS/2002 Heng-Chien CHEN. Digitally closed network constructed from a telephone exchange and a key telephone system and signal transmission method of the digital closed network.
- 797/MAS/2002 Inventio Ag. System for transportation or access control of persons or goods, and method, device and computer program product for maintenance of this system and a method for retrofitting a building with this system. (November 1, 2001; Europe)
- 798/MAS/2002 Krishanan Rajendran. A process for melting steal/iron scrap for moulding purposes.

30<sup>th</sup> October, 2002

- 799/MAS/2002 Info Tech Enterprises Ltd. Programmable vehicle location alert system.
- 800/MAS/2002 Orchid Chemicals & Pharmaceuticals Ltd. An improved process for the preparation of cefprozil.

801/MAS/2002 Shaik. Karim Basha. A timepiece mechanism which improves the external design and appearance of the timepiece.

31<sup>st</sup> October, 2002

802/MAS/2002 Sree Chitra Tirunal Institute for Medical Sciences & Technology. A process for preparation of injectable, bioassimilable poly propylene fumarate oligomer.

803/MAS/2002 Institut Francais Du Petrole. Process for converting heavy petroleum fractions for producing a catalytic cracking feedstock and middle distillates with a low sulfur content. (November 9, 2001; France)

804/MAS/2002 Centre for DNA fingerprinting and diagnostics (CDFD). A method of altering levels of plasmids.

1<sup>st</sup> November, 2002

805/MAS/2002 Siddaiah Sudarshan Naik. Adjustable handle.

806/MAS/2002 Kabushiki Kaisha Toyota Jidoshokki. Spinning machine traveler. (November 5, 2001; Japan)

807/MAS/2002 Orchid Chemicals & Pharmaceuticals Ltd. A process for the preparation of tazobactam.

808/MAS/2002 Orchid Chemicals & Pharmaceuticals Ltd. An improved process for the preparation of cepham derivatives.

5<sup>th</sup> November, 2003

- 809/MAS/2002 The Registrar, Indian Institute of Science, Bangalore. Novel high performance electrochemical redox supercapacitors using inexpensive polymer coated stainless steel/Non noble metal electrodes.
- 810/MAS/2002 Dr.Reddy's Laboratories Ltd. Buccal and sublingual compositions of raloxifene.
- 811/MAS/2002 T.P.Abdul Razak. Auto dim, bright light system for vehicles.

6<sup>th</sup> November, 2002

- 812/MAS/2002 Spraying Systems Co. Air assisted liquid spray nozzle assembly. (November 14, 2001; US)
- 813/MAS/2002 Elgi Ultra Industries Limited. A loading device for equipments such as grinders which requires compensation for wear.
- 814/MAS/2002 Elgi Ultra Industries Limited. A grinder with improved locking system.

7<sup>th</sup> November, 2002

- 815/MAS/2002 Orchid Chemicals & Pharmaceuticals Ltd. An improved process for the preparation of biotin.
- 816/MAS/2002 Orchid Chemicals & Pharmaceuticals Ltd. An improved process for the preparation of meropenem.
- 817/MAS/2002 Suven Pharmaceuticals Ltd. A process for the preparation of substituted Indole derivatives.
- 818/MAS/2002 Sumitomo Chemical Company, Limited. Aluminum hydroxide aggregated particles, process for producing the same, vessel used therefor, and process for producing aluminum hydroxide powder. (November 7, 2001; Japan)

8<sup>th</sup> November, 2002

- 819/MAS/2002 Orchid Chemicals & Pharmaceuticals Ltd. An improved process for the preparation of cefuroxime sodium.
- 820/MAS/2002 Orchid Chemicals & Pharmaceuticals Ltd. Novel 1-(2-Arylmethoxy) Ethyl)-1H-Tetrazole-5-Thiols and process for their preparation.
- 821/MAS/2002 S.Sajikumar. Self water servicer for motor vehicles.
- 822/MAS/2002 Honda Giken Kogyo Kabushiki Kaisha. Torque cam mechanism and power transmission system for four-wheel drive vehicle. (November 8, 2001; Japan)
- 823/MAS/2002 Shasun Chemicals and Drugs Limited. Process for the preparation of gabapentin.

11<sup>th</sup> November, 2002

- 824/MAS/2002 L.Pandiyarajan Pillai. Twin Car (Vehicles).
- 825/MAS/2002 Sree Chitra Tirunal Institute for Medical Sciences & Technology of Biomedical Technology Wing. A process for immobilization of heparin on polyolefin surfaces.
- 826/MAS/2002 Belavendran Antonit Joseph. Spring spanner.
- 827/MAS/2002 Nokia Corporation. Method for compact representation of multi-code signaling in communication systems. (November 15, 2001; US)
- 828/MAS/2002 H Lundbeck A/S. A crystalline of citalopram. (March 13, 2000; Denmark) (Div. to Indian Patent Appln. No.209/MAS/2001 dated March 8, 2001).
- 829/MAS/2002 NATCO Pharma Limited. An improved process for the preparation of 3- and 4-aminophthalimide.
- 830/MAS/2002 NATCO Pharma Limited. Process for the preparation of 4-Aryl-3-Hydroxymethyl-1-Methylpiperidines.
- 831/MAS/2002 TVS Motor Company Limited. An automatic choke system for an automobile.
- 832/MAS/2002 TVS Motor Company Limited. A handle bar control lever assembly for a motor vehicle.
- 833/MAS/2002 TVS Motor Company Limited. An automatic device for boost charging the battery of an automobile during deceleration.
- 834/MAS/2002 TVS Motor company Limited. An automatic device for providing a lean air fuel mixture to the engine of an automobile during deceleration.

12<sup>th</sup> November, 2002

- 835/MAS/2002 Bharat Earth Movers Ltd. Field programmable gate array based device, a field programmable gate array based module incorporating the said device and a unified electronic controller, incorporating said module useful for vehicles.

836/MAS/2002 Sreenivasa Setty and others. Process for generating electricity from heterogeneous city garbage.

837/MAS/2002 ABG Allgemeine Baumaschinen-Gesellschaft mbH. Paver for the paving of ground courses for roads or the like. (November 13, 2001; Germany)

13<sup>th</sup> November, 2002

838/MAS/2002 Maria Albert Stanley. A novel furniture.

839/MAS/2002 Raman Board Ltd. A novel composition useful for making a composite, a composite made from the composition, an improved process for the preparation of the composite and a product incorporating the said composite.

840/MAS/2002 Aggi Magudeswaran. A defluoridation water filter for domestic use.

841/MAS/2002 Aggi Magudeswaran. An apparatus for reverse osmosis treatment of water obtained through a hand pump from a well.

14<sup>th</sup> November, 2002

842/MAS/2002 Matsushita Electric Industrial Co. Ltd. Data transmission system, data recording and reproducing apparatus and recording medium each having data structure of error correcting code. (April 3, 1995; Japan) (Div. to Patent Appln. No.541/MAS/96 dated April 2, 1996)

843/MAS/2002 Nippon Thermostat Co. Limited. Thermostat device. (January 31, 2002; Japan)

844/MAS/2002 Arjuna Natural Extracts Ltd. A process and technique to enhance the absorption of curcuminoids.

15<sup>th</sup> November, 2002

845/MAS/2002 Hindustan Aeronautics Ltd. Improved jet fuel starter for a gas turbine engine.

846/MAS/2002 Hindustan Aeronautics Ltd. Improved small turbojet engine.

847/MAS/2002 Orchid Chemicals & Pharmaceuticals Ltd. An improved process for the preparation of oxacephalosporin.

848/MAS/2002      Orchid Chemicals & Pharmaceuticals Ltd. An improved process for the preparation of cefdinir.

849/MAS/2002      V.S.Sajeevan. Automatic siphon water oscillation system.

850/MAS/2002      B.S.Guruprasad. SAFEDENT Power brush

18<sup>th</sup> November, 2002

- 851/MAS/2002 Orchid Chemicals & Pharmaceuticals Ltd., An improved process for the preparation of azetidinone derivatives.
- 852/MAS/2002 Dr.Reddy's Laboratories Limited. Novel crystalline form of Esomeprazole magnésium trihydrate and process for preparation thereof.
- 853/MAS/2002 Sree Chitra Tirunal Institute for Medical Sciences & Technology. A polyurethane graft polymer for the encapsulation and immunoisolation of living cells.
- 854/MAS/2002 Motor Industries Company Limited. High pressure pump for use in PF – common rail system.
- 855/MAS/2002 Global Bulk Drugs & Fine Chemicals Pvt. Ltd. Improved process for preparation of gabapentin.
- 856/MAS/2002 V.Rajaprabhu. Running any engine by brake fluid without any fuels, electric power, electronic power, chemical power etc.

20<sup>th</sup> November, 2002

- 857/MAS/2002 M/s.Sudhir Papers Limited. Artica clay coated kraft.
- 858/MAS/2002 Dr.Jose Thaikattil. A cooker.
- 859/MAS/2002 Dr.Jose Thaikattil. Cooking vessels and a container.
- 860/MAS/2002 Applied Biotechnology Limited. Novel bacterial species producing biologically active carotenoids.
- 861/MAS/2002 National Starch and Chemical Investment Holding Corporation. Solution stable low amylose tapioca starch and its use. (November 21, 2001; US)
- 862/MAS/2002 National Starch and Chemical Investment Holding Corporation. Process tolerant low amlose tapioca distarch adipates. (November 21, 2001; US)

21<sup>st</sup> November, 2002

- 863/MAS/2002 Natesh Kare Subbaraja Gupta & Kasetty Seetharamaiah Sathyanarayana Setty. Improvised alternate method of treating and preventing various conditions of oral cavity.
- 864/MAS/2002 Dr.Reddy's Laboratories Ltd. Raloxifene injectable liquid controlled release composition.
- 865/MAS/2002 Kabushiki Kaisha Toyota Jidoshokki. Abnormality detecting method and abnormality detecting device for drafting device of spinning machine and control device for spinning machine. (November 26, 2001; Japan)
- 866/MAS/2002 Honda Giken Kogyo Kabushiki Kaisha. Method of electrodepositing, baking and drying a tank. (November 22, 2001; Japan)
- 867/MAS/2002 Kansai Paint Co. Ltd. Cationic coating composition. (November 22, 2001; Japan)
- 868/MAS/2002 Koninklijke Philips Electronics N.V. Method and device for the simultaneous display of arbitrarily selectable, complementary sectional images. (November 22, 2001; Germany)
- 869/MAS/2002 Chadive.Raja Reddy. A centrifugal pressure pump, with an impeller containing suitably designed and curved nozzles, instead of vanes, that utilize centrifugal force to increase the pressure progressively on the fluid flowing through nozzles, which can be built as a multistage pump and which can function as motor, when fluid enters with pressure, by reversing either the impeller or casing.

22<sup>nd</sup> November, 2002

- 870/MAS/2002 Orchid Chemicals & Pharmaceuticals Ltd. An improved process for the preparation of cefpodoxime proxetil.
- 871/MAS/2002 Kabushiki Kaisha Toyota Jidoshokki. Device for detecting looseness in drafting rollers of spinning machine. (November 26, 2001; Japan)

25<sup>th</sup> November, 2002

- 872/MAS/2002 Lakshmi Machine Works Limited. An improved tube loading arrangement in ring spinning machine with auto doffer.
- 873/MAS/2002 E.Hariharan. Underground electric power production from sea water.
- 874/MAS/2002 WeP Peripherals Limited. Smart card platform for designing and deploying loyalty application for organizations having multi-layered distribution model.
- 875/MAS/2002 Matsushita Electric Industrial Co. Ltd. An optical disk reproduction apparatus. (October 9, 1995; Japan) (Div. to Patent Appln. No.812/MAS/96 DATED May 15, 1996)

26<sup>th</sup> November, 2002

- 876/MAS/2002 Inventio Ag. System for security control and / or transportation of persons with an elevator installation, method of operating this system, and method of retrofitting an elevator installation with this system. (November 26, 2001; Europe)
- 877/MAS/2002 Eta SA Fabriques D'Ebauches. Electronic object of small dimensions capable of being worn on the wrist. (November 26, 2001; Switzerland)
- 878/MAS/2002 Usinor. Sulphur-containing ferritic stainless steel that can be used for ferromagnetic parts. (November 26, 2001; France)

27<sup>th</sup> November, 2002

- 879/MAS/2002 R.Venudevi. Herbal drug composition.
- 880/MAS/2002 Honda Giken Kogyo Kabushiki Kaisha. Automotive internal combustion engine control system. (November 30, 2001; Japan)
- 881/MAS/2002 Ownes-Illinois Closure Inc. Plastic closure, method of manufacture, and closure and container package for high-temperature applications. (November 27, 2001; US)
- 882/MAS/2002 Standard Car Truck Company. Pedestal shear pad. (November 28, 2001; US)

28<sup>th</sup> November, 2002

- 883/MAS/2002 Suven Pharmaceuticals Ltd. Novel N-Arylsulfonyl-3-alkoxyindoles having serotonin receptor affinity useful as therapeutic agents, process for their preparation and pharmaceutical compositions containing them.
- 884/MAS/2002 Suven Pharmaceuticals Ltd. Novel N-Arylsulfonyl-3-substituted indoles having serotonin receptor affinity useful as therapeutic agents, process for their preparation and pharmaceutical compositions containing them.
- 885/MAS/2002 Suven Pharmaceuticals Ltd. Novel N-Arylalkyl-3-Alkoxyindoles having serotonin receptor affinity useful as therapeutic agents, process for their preparation and pharmaceutical compositions containing them.
- 886/MAS/2002 Inventio Ag. Method, system and computer program product for computer-assisted furnishing of materials in lift construction. (November 30, 2001; Europe)
- 887/MAS/2002 ABB Research Ltd. Power semiconductor module. (December 6, 2001; Europe)
- 888/MAS/2002 The Boc Group Inc. Cap assembly and optical fiber cooling process. (November 30, 2001; US)
- 889/MAS/2002 Dr.Roy Clement Gomez. I / V Guard A disposable medical device to protect intravenous infusions.
- 890/MAS/2002 Annie Gomez. Albella Ointment – Fast acting pain remedy of somatic origin – external agent.

29<sup>th</sup> November, 2002

- 891/MAS/2002 N.T.Srinivasan & A.Seenivasan. Quick fit clutch release carbon thrust ring assembly cut-open two piece type for tractors.
- 892/MAS/2002 China Petroleum & Chemical Corporation. A catalytic cracking reaction-regeneration system. (November 29, 2001; China)
- 893/MAS/2002 Maschinenfabrik Rieter Ag. Spinning frame. (November 30, 2001; Germany)
- 894/MAS/2002 ABB Research Ltd. Power semiconductor submodule, and a power semiconductor module. (December 6, 2001; Europe)

### Alteration of Date

- Patent No. 190102 612/MAS/95 Ante-dated to 27-01-92.  
 Patent No. 190104 647/MAS/95 Ante-dated to 08-10-91.  
 Patent No. 190116 1145/MAS/95 Ante-dated to 26-03-91.  
 Patent No. 190118 627/MAS/96 Ante-dated to 03-03-92.  
 Patent No. 190119 1542/MAS/95 Ante-dated to 25-06-91.

### COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of a patent on any of the applications concerned, may, at any time within four months from the date of his issue or within such further period not exceeding one month if applied for on Form 4 prescribed under the Patent (Amendment) Rules, 1999 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office on the prescribed Form 7 of such opposition. The written statement of opposition should be filed in duplicate alongwith evidence, if any, with said notice or within sixty days of its date as prescribed in Rule 36 as amended by the Patents (Amendment) Rules, 1999.

The Classification given below in respect of each specification are according to Indian Classification and International Classification Systems.

Printed copies of the specification and drawings, if any, can be supplied by the Patent Office or its branch offices on payment of prescribed charges of Rs. 30/- each.

In the event of non-availability of printed specification, photocopies of the specification and drawings, if any, can be supplied by the Patent Office and its branch offices on payment of prescribed photocopy charges @ Rs. 10/- per page of such document plus Rs. 30/-.

### स्वीकृत संपूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि संबद्ध आवेदनों में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अग्रिम ऐसी अवधि जो उक्त चार (4) महीने की अवधि की समाप्ति के पूर्व, पेटेंट (संशोधन) नियम, 1999 के तहत विहित प्रूफ 4 पर अगर आवेदित हो, एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक एकस्व को उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्रूफ 7 पर दे सकते हैं। विरोध संबंधी लिखित वक्तव्य दो प्रतियों में साक्ष्य के साथ, यदि कोई हो, उक्त सूचना के साथ या पेटेंट (संशोधन) नियम, 1999 द्वारा संशोधित नियम 36 के तहत यथाविहित उक्त सूचना की तिथि से 60 दिन के भीतर फाईल कर दिये जाने चाहिए।

प्रत्येक विनिर्देश के संदर्भ में नीचे दिये वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप हैं।

विनिर्देश तथा चित्र आरेख, यदि कोई हो, की अंकित प्रतियों की आपूर्ति पेटेंट कार्यालय या उसके शाखा कार्यालयों से यथाविहित 30 रुपये प्रति की अदायगी पर की जा सकती है।

ऐसी परिस्थिति में जब विनिर्देश की अंकित प्रति उपलब्ध नहीं हो, विनिर्देश तथा चित्र आरेख, यदि कोई हो, की फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय या उसके शाखा कार्यालयों से यथाविहित फोटोप्रति शुल्क उक्त दस्तावेज के 10 रुपये प्रति पृष्ठ धन 30 रुपये की अदायगी पर की जा सकती है।

Ind. Cl.

172 D 8

190091

Int Cl<sup>4</sup>

D01H7/52  
D01H8/28

## "RING SPINNING METHOD FOR PRODUCING A YARN"

**APPLICANT(S) :**

**MASCHINENFABRIK RIETER AG  
KLOSTERSTRASSE 20 CH-8406  
WINTERTHUR SWITZERLAND  
A SWISS CORPORATION**

**INVENTOR(S) :**

1. LUCCA ANGELO;
2. DR. STALDER HERBERT

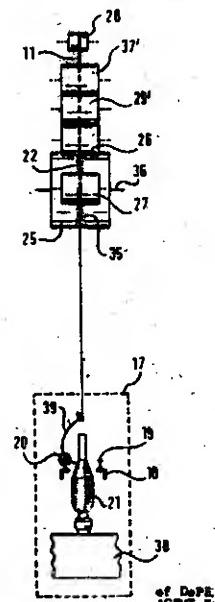
**Application No.**

480/MAS/95 filed on 20-Apr-95

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES, 1972 )PATENT OFFICE, CHENNAI BRANCH.**

10 CLAIMS

A ring spinning method for producing a yarn comprising the steps of drafting a fiber strand, respectively in a multi-zone drafting system to a total draft in a range of from 60 to 150-fold; conveying the drafted fiber strand, respectively from the drafting system without drafting over a defined guide path to a twist inhibiting nip between two rollers; condensing the fiber strand, respectively along said guide path to form a compact fiber strand of not more than 2.5 mm in width; and delivering the compact fiber strand while twisting the fiber strand, respectively to a ring spinning device for twisting into a fully spun yarn having a fineness within a range of from Ne 6 to Ne 16.



COMP SPECN: 10 PAGES DRAWING : 1 SHEET.

Ind. Cl. 35 B 190092

Int Cl<sup>4</sup> CO4B - 7 / 48

"A METHOD AND A PLANT FOR  
MANUFACTURING CEMENT CLINKER"

APPLICANT(S): F L SMIDTH & CO. A/S, OF  
VIGERSLEV ALLE 77, 2500  
VALBY, DENMARK  
A DANISH COMPANY.

INVENTOR(S): 1. SOREN HUNDBOL.

Application No. 481/MAS/95 filed on 20-Apr-95

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4, PATENTS RULES, 1972 )PATENT OFFICE, CHENNAI BRANCH.

**11 CLAIMS**

A method of manufacturing cement clinker comprising the steps of preheating the raw materials in a preheater by exhaust gas from the kiln, feeding the preheated materials into the kiln, wherein sulfur circulates between the kiln and the preheater in the form of sulfur dioxide in the exhaust gas from the kiln to the preheater where it is absorbed or adsorbed on basic raw feed material in the preheater and returned to the kiln in a solid state with the raw material, measuring the temperature in the kiln by measuring relative to time (t) the amount of sulfur ( $S_{feed}$ ) in the exhaust gas from the kiln or the amount of sulfur ( $S_{cyc}$ ) in the raw material fed to the kiln so as to obtain an evaporation factor E, the evaporation factor E being the ratio of the sulfur ( $S_{cyc}$ ) that is converted in the kiln to sulfur ( $S_{feed}$ ), said evaporation factor E then being adjusted and maintained within a range of 0.30 to 0.70 by adjusting the amount of fuel to the kiln.

COMP. SPECN: 17 PAGES DRAWING: 2 SHEETS.

Ind. Cl. :

117 B

190093

Int Cl<sup>4</sup> :

E 05 B 63 / 14

**"A LOCK ASSEMBLY FOR USE  
ON A SECURITY DOOR"**

**APPLICANT(S):**

DIEBOLD, INCORPORATED  
(AN OHIO CORPORATION)  
818 MULBERRY ROAD S.E.  
PO BOX 8230  
CANTON, OHIO 44711-8230  
U.S.A.

**INVENTOR(S):**

1. BENJAMIN F. LOZIER;
2. KARL A. HERMANN;
3. CUSTODIA M. FABELLA JR.

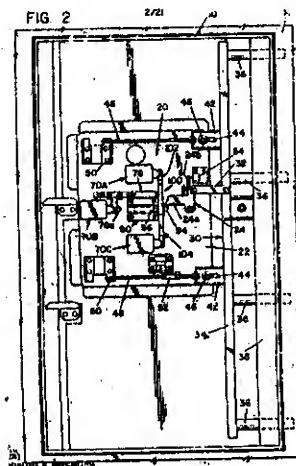
Application No.

482/MAS/95 filed on 20-Apr-95

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
(RULE 4, PATENTS RULES, 1972) PATENT OFFICE, CHENNAI BRANCH.**

**6 CLAIMS**

A lock assembly for use on a security door for locking and unlocking said security door, said lock assembly comprising: a lock bar movable a predetermined distance between a locked and unlocked position; at least three spaced-apart locks, each of said having a lock arm moveable a predetermined distance between a locked and an unlocked position; a linkage for connecting said lock arms to said lock bar, said linkage being attachable to said lock arms in a first configuration and being alternately attachable to said lock arms in a second configuration, said linkage being attached to said lock arms in said first configuration such that movement of the lock arms of any two of said locks from said locked position to said unlocked position causes said linkage to move said lock bar to said unlocked position, and said linkage being attached to said lock arms in said second configuration such that movement of the lock arms of a predetermined two of said three locks or movement of the lock arm of the third lock, from said lock position to said unlocked position, causes said assembly to move said lock bar to said unlocked position.



Ind. Cl. : 206 E 190094

Int Cl. : H 04 Q 7 / 38

**"HANDOVER CHANNEL EXCHANGE SYSTEM  
IN A MOBILE CELLULAR SYSTEM"**

APPLICANT(S) : INDIAN INSTITUTE OF SCIENCE,  
DEPARTMENT OF ELECTRICAL  
COMMUNICATION ENGINEERING,  
BANGALORE 560 012, INDIA

INVENTOR(S) : 1. DINESH K. ANVEKAR.

Application No. 499/MAS/95 filed on 25-Apr-95

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4, PATENTS RULES, 1972 )PATENT OFFICE, CHENNAI BRANCH.

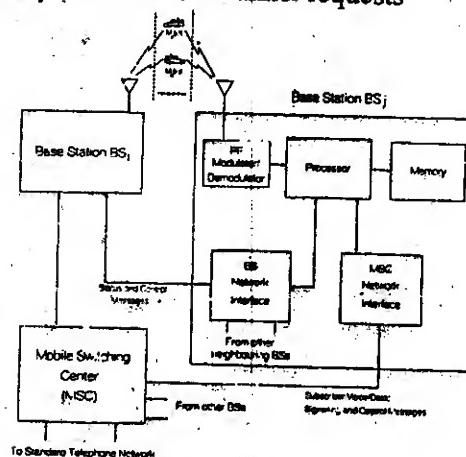
**4 CLAIMS**

A handover channel exchange system in a mobile cellular system comprising a number of base stations (BS) connected to a mobile switching centre (MSC), characterized in that:

each base station consists of RF modulator / demodulator connected to at least one processor having memory,

the said processor is connected to base stations network interface and MSC network interface,

the said MSC network interface is connected to mobile switching center and the base stations network interface is connected to the base stations network interface of neighbouring base stations for exchange of status and control messages of various channel requests from the mobiles.



COMP.SPECN: 12 DRAWING: 10 SHEETS

Fig. 9 Block schematic of base stations for the channel exchange scheme

Ind. Cl. : 64 B 1; 76 B 190095

Int Cl<sup>4</sup> : B 65 D 55 / 00  
E 05 B 39 / 00

"LOCKING DEVICE WITH SERPENTINE GRIPPING MEMBER"

APPLICANT(S) : EJ BROOKES COMPANY  
OF 164 NORTH 13TH STREET NEWARK,  
NEW JERSEY 07107 U.S.A.  
(A CORPORATION ORGANISED AND  
EXISTING UNDER THE LAWS OF THE  
STATE OF NEW JERSEY, USA)

INVENTOR(S) : 1. JEREMY PHELPS LEON;  
2. RICHARD C. DRESIBACH;  
3. ALEXANDER KELSO.

Application No. 514/MAS/95 filed on 27-Apr-95

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
(RULE 4, PATENTS RULES, 1972) PATENT OFFICE, CHENNAI BRANCH.

34 CLAIMS

A locking device (2, 100, 120, 120', 199, 222, 250, 270, 300) comprising:

a housing (4, 122, 200, 232, 246, 272, 302) having at least one opening (12, 106, 124, 126, 124', 126', 202, 234, 280, 311) on a first axis (14, 152, 154, 216, 240);

a first member (8, 68, 70, 104, 162, 166, 252, 204, 228, 276, 304) received in the opening along said first axis; and characterized in that:

a clip (6, 54, 60, 74, 76, 84, 86, 110, 116, 118, 127, 180, 188, 194, 218, 238, 254, 274, 303) is in radial resilient compressive engagement with one of said housing in said opening and member, the compressive engagement being such that the clip axially displace along said first axis in response to displacement of the engaged one housing and member, the other of said housing and member having a tapered surface (20', 20'', 212, 214, 234, 256) for receiving the clip, the clip, opening and tapered surface being dimensioned so that the received clip is wedged in locked engagement to and between the housing and member in response to relative axial displacement of the housing and the first member.

the clip comprising at least one loop (26, 28, 30, 78, 186, 192) having a length dimension extending along a second axis (14', 96) between opposing ends, the second axis extending generally along the first axis, and at least one first portion (32, 36, 40, 50, 80, 82, 83, 90, 92, 176, 178, 182, 90', 92') extending from an end of the at least one loop in an annular direction about the second axis and arranged with said at least one loop such that the at least one loop engages in said resilient radial engagement.

COMP.SPECN: 46 PAGES DRAWING:7 SHEETS



Ind. Cl. : 117 B 190096

Int Cl. : A 44 B - 19 / 26

"LOCK SLIDER FOR SLIDE FASTENER"

APPLICANT(S) : YKK CORPORATION  
A JAPANESE COMPANY,  
OF NO.1, KANDA IZUMI-CHO,  
CHIYODA-KU, TOKYO,  
JAPAN

INVENTOR(S) : 1. MASAO WAKABAYASHI.

APPLICATION NO. : 553 MAS 95 Filed on 9-May-95

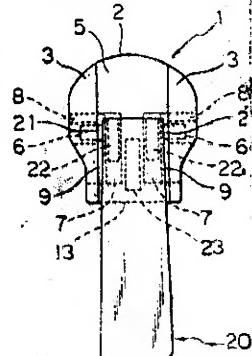
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES, 1972 )PATENT OFFICE, CHENNAI BRANCH.

**6 CLAIMS**

A lock slider for a slide fastener, comprising:

(a) a molded slider body (1) composed of upper and lower wings (2,10), said upper wing (2) having along its opposite side edges a pair of flanges (4) extending downwardly, said upper wing (2) having a locking-claw-insertion aperture (7) at a position thereof toward one of said flanges (4) and a slit communicating with said the aperture (7) and extending through said one flange(4), said upper wing (4) further having a pair of pintle-supporting brackets (3) projecting upwardly from said flanges (4), said pintle-supporting brackets (3) having a pair of axially aligned through holes (6) ; and

(b) a molded pull tab (20) assembled with said slider body (1). simultaneously with the molding of said slider body (1), said pull tab (20) having a locking claw (22) projecting from one of opposite pull tab surfaces and to be inserted through said aperture (7) and a pair of pivotal pintles (21) pivotally inserted in said through holes(16).



COMP.SPECN: 18 PAGES DRAWING: 10 SHEETS

Ind. Cl. :

206 E

190097

Int Cl<sup>4</sup> :

H 01 R - 13 / 00

**"A COMMUNICATIONS CONNECTOR SUB-ASSEMBLY"****APPLICANT(S):**

MOD-TAP W CORPORATION  
 A DELAWARE CORPORATION  
 OF 285 AYER ROAD, PO BOX 706  
 HARVARD, MASSACHUSETTS 01451-0706  
 USA

**INVENTOR(S):**

1. ROWLAND SPENCER WHITE;
2. DAVID ERNEST IVEY;
3. ROY ERNEST MITCHELL.

**APPLICATION NO.:**

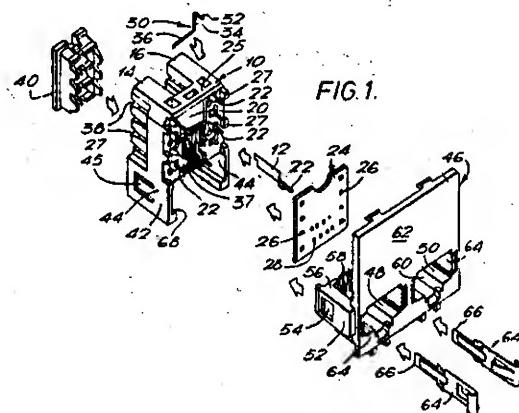
569 MAS 95

Filed on 15-May-95 UK

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS**  
 ( RULE 4 , PATENTS RULES, 1972 )PATENT OFFICE, CHENNAI BRANCH.

**10 CLAIMS**

A communications connector sub-assembly comprising a body defining locations for receiving jack contacts, locations for insulation displacement contacts and a location of a printed circuit board; a set of insulation displacement contacts located in said insulation displacement contact locations on said body; a set of jack contacts, located in said jack contact receiving locations on said body; and a printed circuit board retained in said printed circuit board location on said body; wherein the set of jack contacts and the set of insulation displacement contacts are connected to the printed circuit board.



Ind. Cl.

25 A, B 35 E

190098

Int Cl.

E 04 C 2 / 00

"CYLINDRICAL, REFRACTORY,  
HOLLOW BRICK"

APPLICANT(S) :

VEITSCH-RADEX AKTIENGESELLSCHAFT  
OF FEUERFESTE ERZEUGISSE  
MOMMSENGASSE 35, 1040 WIEN  
AUSTRIA, A AUSTRIAN COMPANY

INVENTOR(S) :

1. GERD MOGLING.

Application No.

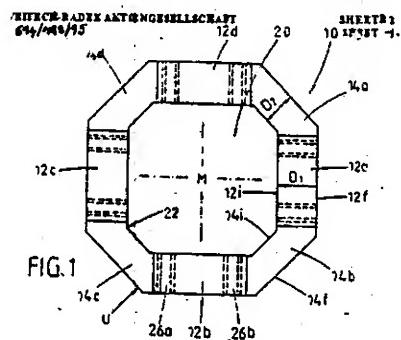
594/MAS/95

filed on 18-May-95

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES, 1972 )PATENT OFFICE, CHENNAI BRANCH.

## 15 CLAIMS

A cylindrical, refractory, hollow brick, the peripheral surface (U) of which comprises eight surface portions (12f, 14f) disposed at an angle to one another, with in each case two diametrically opposed surface portions (12f, 12f; 14f, 14f) extending parallel to one another, and which has a through channel (20) extending coaxially relative to the central longitudinal axis (M), the channel (20) is peripherally delimited by eight surface portions (12i, 14i) disposed at an angle to one another; two diametrically opposed surface portions (12i, 12i; 14i, 14i) extending parallel to one another; the surface portions (12f, 12i; 14f, 14i) internally and externally delimiting each wall region (12a-d, 14a-d) of the hollow brick extend parallel to one another; and the hollow brick (10) is formed to retain its original geometry upon rotation through 90° about the central longitudinal axis (M); characterized in that the wall regions (14a-d) in the corners of the hollow brick (10) have a wall thickness (D2) of 15 to 35% less than the other interlying wall regions (12a-f).



COMP.SPECN: 12 PAGES DRAWING: 2 SHEETS.

Ind. Cl. : 63 A 3 190099

Int Cl<sup>4</sup> : H 03 K - 3 / 00

"MULTIPHASE WAVE GENERATOR"

APPLICANT(S) : AKASH KUMAR ROSE AND  
RAJAPPAN JAYAMUKAR BOTH OF  
Z-294 ANNA NAGAR  
MADRAS 600040

INVENTOR(S) : 1. AKASH KUMAR ROSE &  
RAJAPPAN JAYAKUMAR.

APPLICATION NO : 595 MAS 95 filed on 18-May-95

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES, 1972 )PATENT OFFICE, CHENNAI BRANCH.

### 3 CLAIMS

A multi-phase waveform generator for power control systems comprising plurality of integrated circuit counters (IC-1 to IC-5) connected in tandem through inverters (I<sub>1</sub> to I<sub>4</sub>), each of the said counter circuits being provided with shaping resistors (R<sub>1</sub> to R<sub>25</sub>), the said shaping resistors being divided into number of sets equal to the number of phases required from the multi-phase waveform generator, all the shaping resistors in each said sets (R<sub>1</sub> to R<sub>8</sub>; R<sub>9</sub> to R<sub>16</sub>; R<sub>17</sub> to R<sub>25</sub>) being connected to a corresponding summation resistor (R<sub>26</sub>, R<sub>27</sub>, R<sub>28</sub>) and obtaining the multi-phase output wave generated across each said summation resistors (R<sub>26</sub>, R<sub>27</sub>, R<sub>28</sub>) wherein a feed-back loop is provided for connecting the input of the first integrated circuit counter (IG-1) to any of the shaping resistor in a subsequent integrated circuit counter.

COMP.SPECN: 8 PAGES DRAWING: 1 SHEET.

Ind. Cl. : 136 E,F 190100

Int Cl<sup>4</sup> : B 29 C 45 / 64

"AN ELECTRIC CLAMPING APPARATUS  
FOR CLAMPING A MOLD"

APPLICANT(S) : INCOE CORPORATION  
1740 E, MAPLE ROAD, TROY  
MICHIGAN 48099-0485  
U S A  
A U.S COMPANY

INVENTOR(S) : 1. JAMES A. BOTT;  
2. JOHN TARR.

Application No. 597/MAS/95 filed on 18-May-95

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES, 1972 )PATENT OFFICE, CHENNAI BRANCH.

14 CLAIMS

An electric clamping apparatus for clamping a mold to a platen in an injection molding machine, the said apparatus comprising: a housing; at least one movable clamping member in said housing, said clamping member being movable from a first position within said housing to second position wherein at least a portion thereof extends outside said housing and is used to clamp the mold to the platen; an electric motor in operative association with said housing; a drive mechanism in operable connection with said motor for moving said clamping member between said first position and said second position, said drive mechanism having an elongated shaft with threads thereon; an electric circuit in operative association with said motor for measuring the amperage drawn on said motor as said drive mechanism moves said clamping member from said first position to said second position; and a control system for determining the limit of movement of said clamping members outside said housing for clamping the mold to the platen according to a predetermined amperage drawn on said motor.

COMP SPECN: 19 PAGES DRAWING: 5 SHEETS

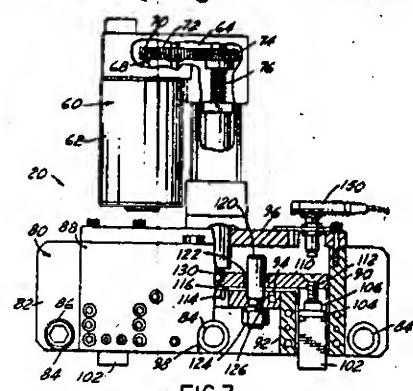


FIG.3

Ind. Cl. :

129 M

190101

Int Cl. :

B 23 D 25 / 12

"A DEVICE FOR SEVERING AND CONTROLLED  
COOLING OF INDIVIDUAL RODS"

APPLICANT(S) :

SMS SCHLOEMANN-SIEMAG  
AKTIENGESELLSCHAFT  
A GERMAN COMPANY OF EDUARD-  
SCHLOEMANN-STRASSE 4 40237  
DUSSELDORF FEDERAL  
REPUBLIC OF GERMANY

INVENTOR(S) :

1. ROLF STODT;
2. HANS PETER DRUGH.

Application No.

607/MAS/95 filed on 22-May-95

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES, 1972 )PATENT OFFICE, CHENNAI BRANCH.

## 6 CLAIMS

A device for severing and controlled cooling of individual rods (1) from a rolled section (2) which emerges hot from rolling at final speed from a rolling line (X-X) of a finishing train comprising a cooling bed located next to the rolling line and parting shears (10) mounted following the cooling bed in a direction of the rolling line, the parting shears comprising rotating shears with a first knife carrier (12a) carrying a first knife (11a) mounted on a first side of the section, and a second knife carrier (12b) carrying a second knife (11b) mounted on a second side of the section, the knife carriers rotating synchronously in opposite directions in a horizontal plane wherein each knife carrier is provided with a cam (23a) as a deflector for deflecting the individual rod, said cam (23a) of the first knife carrier being located behind said first knife in the direction of rotation of said first knife carrier, and a cam (23b) of said second knife carrier being positioned in front of said second knife in the direction of rotation of said knife carrier.

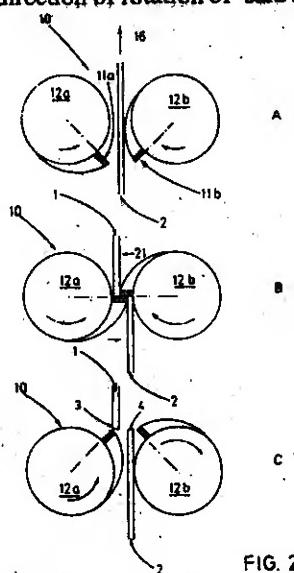


FIG. 2

COMP.SPECN: 18 PAGES DRAWING: 4 SHEETS

Cl. : 206 E 190102

Int Cl<sup>4</sup> : G 11 C 11 / 34, 13 / 00  
H.01-L 27 / 24

# "AN INTEGRATED CIRCUIT ELECTRICALLY ERASABLE PHASE CHANGE MEMORY DEVICE"

APPLICANT(S) : ENERGY CONVERSION DEVICES INC.,  
A CORPORATION OF THE STATE OF  
DELAWARE, USA OF 1675 WEST  
MAPLE ROAD TROY, MICHIGAN  
48084, USA

**INVENTOR(S) :** 1. STANFORD R OVSHINSKY; 2. STEPHEN J HUGGENS;  
3. WDŁODYMYR CZUBATYJ; 4. DAVID A STRAND;  
5. GUY C WICKER.

APPLICATION NO : 612 MAS 95 filed on 23-May-95

**Divisional to Patent Application No:50/MAS/92  
Ante-dated to 27th Jan. 1992**

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS**  
**( RULE 4 , PATENTS RULES, 1972 )PATENT OFFICE, CHENNAI BRANCH**

16 CLAIMS

An integrated circuit electrically erasable phase change memory device comprising:

- a) a single crystal semiconductor substrate (10);
  - b) a plurality of electrically erasable phase change memory elements (30) formed on said substrate;
  - c) each of said memory elements comprising a pore of phase change material (36) and an integrated circuit diode (26) positioned vertically with respect to each other on said substrate, said diode and said pore of phase change material being electrically connected in series with each other; and
  - d) integrated electrical contact means extending across said substrate over the upper and lower portions respectively of said memory elements and making electrical contact on one side of each of said memory elements with said pore of phase change material and on the other side of each of said memory elements with said diode and thereby providing means for selectively and individually electrically setting, erasing and reading said memory elements; said circuit being characterized in that
  - e) said phase change material being comprised of a plurality of elements which are compositionally and stoichiometrically arranged such that they are distributed within said phase change material in a first substantially amorphous state and are converted into a second substantially crystalline state in at least a volume portion of said pore with substantially the same average local density of distribution of the constituent elements as present in said substantially amorphous state.

Ind. Cl. :

63 A 3

190103

Int Cl<sup>4</sup> :

H 02 K 9 / 04

**"ALTERNATING-CURRENT GENERATOR"****APPLICANT(S) :**

MITSUBISHI DENKI KABUSHIKI KAISHA  
OF 2-3, MARUNOUCHI 2-CHOME  
CHIYODA-KU, TOKYO 100

JAPAN  
A COMPANY ORGANIZED AND EXISTING  
UNDER THE LAWS OF JAPAN

**INVENTOR(S) :**

1. KAZUNORI TANAKA;  
2. KATSUMI ADACHI.

**Application No.**

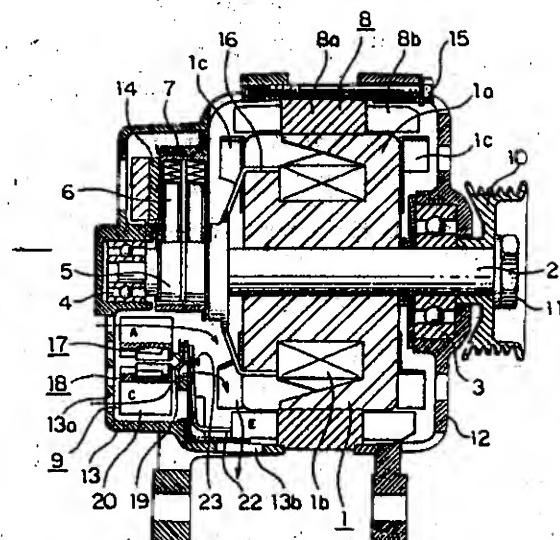
632/MAS/95

filed on 26-May-95

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4, PATENTS RULES, 1972 )PATENT OFFICE, CHENNAI BRANCH.**

**5 CLAIMS**

An alternating-current generator comprising at least one rectifier element and a heat sink which is molded to accommodate the rectifier elements and which has a plurality of fins, at least one of which is provided with a push pad, whereby a force is applied onto the push pad when the heat sink pushed out of its mold.

**COMP.SPCEN: 9 PAGES DRAWING: 5 SHEETS.**

Ind. Cl. : 37 B 190104

Int. Cl. : B 04 C - 5 / 081; 5 / 28  
B 01 J - 8 / 38

"CENTRIFUGAL SEPARATOR"

APPLICANT(S) : FOSTER WHEELER ENERGIA OY  
SENTNERIKUJA 2 00440 HELSINKI  
FINLAND  
A FINNISH CORPORATION

INVENTOR(S) : 1. TIMO HYPPANEEN;  
2. REIJO KUIVALAINEN;  
3. HARRY OLLILA.

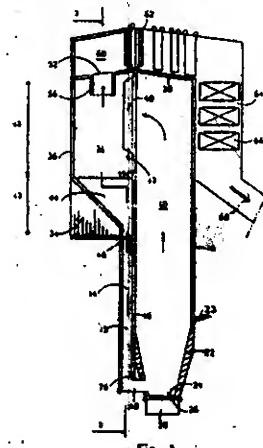
APPLICATION NO : 647 MAS 95 filed on 30-May-95

Divisional to Patent Application No:757/MAS/91  
Ante-dated to 8th Oct, 1991

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES, 1972 )PATENT OFFICE, CHENNAI BRANCH.

#### 19 CLAIMS

A centrifugal separator for separating particles from gases, comprising a vertical vortex chamber which has walls defining an interior gas space, and upper section, and a bottom section; at least one inlet for gases to be purified, disposed in the upper section of the vortex chamber; at least one outlet for the purified gases, from the vortex chamber; at least one outlet for the separated particles, disposed in the lower section of the vortex chamber; said inlet, outlets and vortex chamber defining at least one vertical gas vortex in the vortex chamber; said vortex chamber walls being distinctly non-cylindrical, and the cross section of said gas space being distinctly non-circular, having a circularity greater than 1; characterized in that the cross section of the space defined by the side walls of the vortex chamber is in the shape of a rectangle so that the length of the long side walls of the rectangle is two or more times the length of the short side walls; and that the vortex chamber is provided with two or more successive gas outlets in the longitudinal direction of the vortex chamber so that two or more gas vortices are created in the vortex chamber.



COMP.SPECN: 29 PAGES DRAWING: 8 SHEETS

Ind. Cl. : 190 A. 190105

Int Cl<sup>4</sup> : E 02 B 9 / 00

"SEA WAVE-POWER GENERATOR"

APPLICANT(S) : MUSTAFA MOHAMED ALI, 51-OLD POLICE  
STATION STREET, DHARAPURAM  
638 656 ERODE DISTRICT.  
TAMIL NADU INDIA  
INDIAN

INVENTOR(S) : 1. M. MOHAMED ALI.

Application No. 648/MAS/95 filed on 31-May-95

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES, 1972 )PATENT OFFICE, CHENNAI BRANCH.

10 CLAIMS

A Sea Wave Power Generator comprising

a motoring system meant for registering the force of the surface movement of the fluid medium, comprising a water tight tubular housing (1) paddle (19) rigid walls (2)

an in-built generating system for producing electricity, comprising magnets (18) and power producing coils (17) and carbon brush assembly

a centrally suspended self reversal gear system comprising a set of gear (3,7,9,10,12,13) and gear carrying rods (5,8,11) and a central rod and a weight mass (20).

COMP.SPECN: 10 PAGES DRAWING: 2 SHEETS

Ind.Cl.:	32 E	190106
Int Cl <sup>4</sup> :	C 08 F 120 / 10	
<b>"A PROCESS FOR THE SYNTHESIS OF MOLECULARLY IMPRINTED VINYL POLYMER BY GAMMA IRRADIATION AS SELECTIVE ADSORBENT AND SENSOR COMPONENT"</b>		
APPLICANT(S):	SREE CHITRA TIRUNAL INSTITUTE FOR MEDICAL SCIENCES AND TECHNOLOGY, BIO-MEDICAL TECHNOLOGY WING, SATELMOND PALACE, THIRUVANANTHAPURAM 695 012, INDIA, AN INDIAN INSITUTION	
INVENTOR(S):	1. KUNNATHEERY SREENIVASAN.	
Application No.	668/MAS/95	filed on 6-Jun-95 INDIA Complete Specification Left on 06-Sept-96
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS ( RULE 4, PATENTS RULES, 1972 )PATENT OFFICE, CHENNAI BRANCH.		

#### 8 CLAIMS

A process for the synthesis of molecularly imprinted vinyl polymer by gamma irradiation as selective adsorbent and sensor component comprising in the steps of dissolving a vinyl monomer and a print molecule such as steroids in a solvent such as herein described, adding a crosslinker such as herein described in a proportion of 3 to 10 times the weight of the monomer, subjecting the same to gamma irradiation to a total doses of 0.24 to 0.5 Mrads to produce said polymer extracting the irradiated mixture with atleast one solvent such as methanol and chloroform to remove the print molecules, subjecting the polymer to vacuum drying and powdering to obtain said molecularly imprinted polymer.

COMP SPECN: 10; PROV. SPECN: 6 PAGES DRAWING: NIL SHEETS.

Ind. Cl.

129 O

190107

Int. Cl.

B 32 B 9 / 00

**"A STAMPING FOIL"****APPLICANT(S):**

LEONHARD KURZ GMBH & CO OF  
 SCHWABACHER STRASSE 482,  
 DE 90763 FUERTH, GERMANY,  
 A GERMAN COMPANY

**INVENTOR(S):**

1. JOACHIM SÜß

**Application No.**

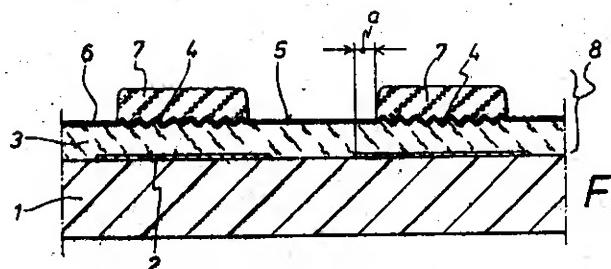
670/MAS/95

filed on 6-Jun-95

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
 ( RULE 4, PATENTS RULES, 1972 )PATENT OFFICE, CHENNAI BRANCH.**

**16 CLAIMS**

A stamping foil comprising a carrier film; and a transfer layer assembly detachably provided on said carrier film, said transfer layer assembly comprised of a transparent protective lacquer layer over a full surface area of said transfer layer assembly and having region-wise formed decorative elements, a decorative layer overlaying said transparent protective lacquer layer and an adhesive layer provided on said decorative layer in matching relationship to said decorative elements of said transparent protective lacquer layer.

**FIG.1****COMP.SPECN: 20 PAGES DRAWING: 1 SHEET.**

Ind. Cl. : 172 C 4 190108

Int Cl. : B 65 H 67 / 04

"A METHOD OF MANUFACTURING A  
YARN AND A DEVICE THEREOF"

APPLICANT(S) : RIETER INGOLSTADT SPINNEREIMAS-  
CHINENBAU AKTIENGESELLSCHAFT  
FRIEDRICH-EBERT-STRASSE 84  
D-85046 INGOLSTADT GERMANY  
A GERMAN COMPANY

INVENTOR(S) : 1. ALBERT KRIEGLER;  
2. BERNHARD MOHR.

Application No. 688/MAS/95 filed on 7-Jun-95

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES, 1972 )PATENT OFFICE, CHENNAI BRANCH.

#### 10 CLAIMS

A method of manufacturing a yarn comprising the steps of processing sliver on a draw frame of a spinning machine, conveying the sliver through a pair of calendar rollers into a sliver guide channel of a revolving plate, depositing the sliver in a cycloid shape, in a flat can, stopping delivery of the sliver to the can for changing the can, bringing the flat can into a stopped position, starting from the stopped position of the flat can, stopping the mouth of the revolving plate so that it is positioned with respect to the flat can and transporting the flat can for further processing of the sliver to produce a yarn wherein, in the stopped position (SP) of the flat can (14) a drafting point (VS) of the sliver (11) is formed between the pair of calendar rollers (6,6') and the sliver guide channel (8) by means of a drafting device (12) and, by subsequently displacing the flat can (14) displacing means (16) from the stopped position (SP) in to a transfer position, (C) the sliver is severed at the drafting point and the severed sliver is drawn out of the sliver guide channel (8), with the result that it is positioned at the edge of the end wall of the flat can(14) with a constant length.

COMP.SPECN: 20 PAGES DRAWING: 6 SHEETS

Ind.Cl.: 32 C & 40 F 190109

Int Cl<sup>4</sup>: C 08 G 18 / 83  
C 08 G 71 / 04

"A PROCESS FOR PREPARING A TWO COMPONENT  
WATER-BASED POLYURETHANE COMPOSITION"

APPLICANT(S): GUARDSMAN PRODUCTS, INC.,  
A CORPORATION OF THE STATE OF  
DELAWARE, USA., OF 3033, ORCHARD  
VISTA DRIVE, S.E., GRAND RAPIDS,  
MICHIGAN 49546, USA

INVENTOR(S): 1. MARVIN A. BLAIR;  
2. RICHARD A. FORD.

Application No. 690/MAS/95 filed on 08-Jun-95 U.S.A.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES, 1972 )PATENT OFFICE, CHENNAI BRANCH.

13 CLAIMS

A process for preparing a two component water-based polyurethane composition suitable for applying a coating on a golf ball, the said process comprising mixing 100 parts of a first component and 25 parts of a second component, wherein said first component comprises 50 to 90 parts of a compound having hydroxyl functionality such as herein described, 0.25 to 2 parts of a first water-miscible organic solvent such as herein described, 0.15 to 1 part of a water soluble optical brightener such as herein described and 5 to 20 parts of water; and said second component comprises 9 to 18 parts of a water dispersible aliphatic polyisocyanate such as herein described and 5 to 12.5 parts of a second water-miscible organic solvent such as herein described.

COMP.SPECN: 16 PAGES DRAWING: NIL SHEETS.

Ind. Cl.

40 E &amp; F

190110

Int Cl<sup>4</sup>

B 01 J / 8 / 00

"A TWO-PHASE DISTRIBUTOR SYSTEM FOR DIRECTING VAPOR AND LIQUID DOWNWARDLY ACROSS THE SURFACE OF A FIXED BED OF SOLIDS"

APPLICANT(S) :

MOBIL OIL CORPORATION  
3225 GALLONS ROAD FAIRFAX  
VIRGINIA 22037  
U S A  
A US COMPANY

INVENTOR(S) :

1. GREGORY PATRICK MULDOWNEY;  
2. RONALD ALVIN WEISS;  
3. JULIAN ALEX WOLFENBARGER.

Application No.

728/MAS/95 filed on 16-Jun-95 USA

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
(RULE 4, PATENTS RULES, 1972 )PATENT OFFICE, CHENNAI BRANCH.

## 20 CLAIMS

A two-phase distributor system for directing vapor and liquid downwardly across the surface of a fixed bed of solids comprising: a distributor tray; a plurality of vertical, open-ended downpipes extending through said tray; a first array of said downpipes having a plurality of vertically spaced elevations of holes above the level of said tray; and a second array of said downpipes having an elevation of holes at substantially the same height above the level of said tray as at least one of the elevations of holes in the first array, and having no elevations of holes corresponding to the lowermost elevation of holes in the first array whereby the liquid flow rate through the distributor tray at a given liquid height is reduced when the liquid height falls below the elevation of the lower most holes in the second array, thereby maximizing the liquid level above the lowermost elevation of holes in the first array.

COMP.SPEN: 31 PAGES DRAWING: 2 SHEETS.

Ind. Cl. : 691, 0 190111

Int Cl. : H 01 H 71 / 46 ;  
1/ 58 ; 9 / 02.

"AN AUXILIARY UNIT FOR INDICATING  
THE STATE OF CIRCUIT BREAKERS"

APPLICANT(S) : SCHNEIDER ELECTRIC S A  
OF 40 AVENUE ANDRE MORIZET  
F 92100 BOULOGNE BILLANCOURT  
FRANCE  
A FRENCH COMPANY

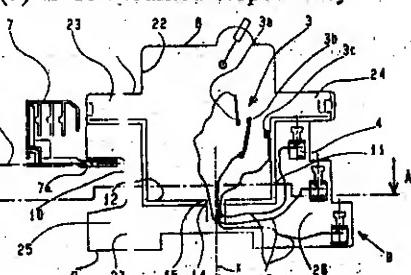
INVENTOR(S) : 1. PHILIPPE DELCAMBRE;  
2. GERARD HERVOUET;  
3. DANIEL VANZETTO;  
4. JEAN-MARC FINET;  
5. MARCEL LUISET.  
6. JEAN-BAPTISTE TALLIER.

Application No. 763/MAS/95 filed on 21-Jun-95

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES, 1972 )PATENT OFFICE, CHENNAI BRANCH.

10 CLAIMS

An auxiliary unit for indicating the state of a circuit breaker, designed to be laterally coupled and adjoined to a circuit breaker unit, said auxiliary unit being formed by a case containing auxiliary contacts mechanically operated by the circuit breaker unit mechanism, and electrically connected to connection terminals arranged on one of the sides of the case, whereas the opposite side of the case comprises a recess designed to allow the passage of one or more teeth of a distribution comb providing the electrical power supply of the circuit breaker unit, characterized in that the case (2) of the auxiliary unit B is provided with two distinct parts (8,28; 9,29) comprising a main part (8,28) fixed to the circuit breaker unit (1) and housing the auxiliary contacts (3), and a second connection part (9, 29) comprising at least one connection studs (4) for connecting the auxiliary contacts (3) and said recess (10), and that the second part (9,29) is mounted and able to be oriented on the main part (8, 28) to two different positions enabling the distribution comb (7) to be mounted respectively line-side or load-side of the circuit breaker unit(1).



COMP.SPECN: 14 PAGES DRAWING: 4 SHEETS.

Ind. Cl. : 63 B, I

Int Cl<sup>4</sup> : B 23 P 19 / 00 (2)

"ARMATURE COIL CONDUCTOR  
ARRAYING APPARATUS"

APPLICANT(S) : MITSUBISHI DENKI KABUSHIKI KAISHA  
2-3 MARUNOUCHI 2-CHOME  
CHIYODA-KU, TOKYO 100  
JAPAN  
A JAPANESE COMPANY

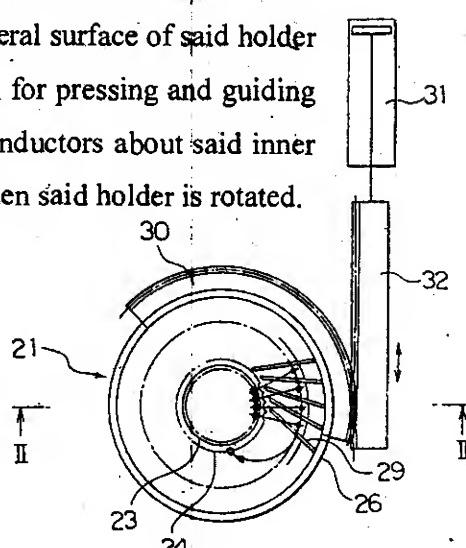
INVENTOR(S) : 1. MIKIO IGUCHI.

Application No. 862/MAS/95 filed on 10-Jul-95

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES, 1972 )PATENT OFFICE, CHENNAI BRANCH,

7 CLAIMS

An armature coil conductor arraying apparatus comprising a cylindrical coil guide tool (25) having a plurality of inner insertion holes (23a) which are provided with equal intervals therebetween in the circumferential direction and to which inner legs as one linear portions of substantially U-shaped coil conductors shaped into a predetermined form are inserted, and a plurality of outer grooves (24a) provided radially outwardly of said inner insertion holes in respective outer peripheries thereof; a cylindrical holder (26) provided radially outwardly of said coil guide tool and being rotatable about an axis of said coil guide tool; and a plurality of guide members (29) mounted to an inner peripheral surface of said holder with equal intervals therebetween in the circumferential direction for pressing and guiding linear outer legs of said coil conductors and rotating said coil conductors about said inner legs so that said outer legs are inserted into said outer grooves, when said holder is rotated.



COMP.SPECN: 13 PAGES DRAWING: 5 SHEETS.

Ind. Cl. :

136 E

190113

Int Cl<sup>4</sup> :

H 01 B 3 / 46

"AN ELECTRIC HIGH-VOLTAGE INSULATOR  
MADE FROM PLASTIC"

APPLICANT(S) :

HOECHST CERAMTEC AKTEINGESELLSCHAFT  
D-95100 SELB FEDERAL REPUBLIC OF  
GERMANY A CORPORATION ORGANIZED  
UNDER THE LAWS OF THE FEDERAL  
REPUBLIC OF GERMANY.

INVENTOR(S) :

1. MARTIN KUHL.

Application No.

901/MAS/95 filed on 17-Jul-95

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES, 1972 )PATENT OFFICE, CHENNAI BRANCH.

## 17 CLAIMS

An electric high-voltage insulator made from plastic such as herein described comprising at least one glass fiber rod (1), at least one shield covering (2) made from silicone rubber which surrounds the glass fiber rod (1) and has concentric bulges (3) arranged along the longitudinal axis and bent in the shape of sheds in such a way that they form convex top sides and concave or flat undersides, as well as metal fittings (5) at both insulator ends, wherein the shield covering (2) contains polyvinylidimethylsiloxane plus fillers and is cross-linked with the aid of peroxides, and the bulges bent in the shape of sheds each have at least one groove (4) on the underside.

COMP.SPECN: 25 PAGES DRAWING: 4 SHEETS

Ind.Cl.:

141 F

190114

Int Cl.:

B 01 J 8 / 00

"AN APPARATUS FOR FLUE GAS  
DESULFURIZATION BY WET PROCESS"

APPLICANT(S):

MITSUBISHI JUKOGYO KABUSHIKI KAISHA,  
A JAPANESE CORPORATION, OF 5-1  
MARUNOUCHI 2-CHOME, CHIYODA-KU,  
TOKYO, JAPAN

INVENTOR(S):

1. HIROYUKI NEMOTO;
2. KIYOSHI OKAZOE;
3. KENICHI SATO.

Application No.

921/MAS/95

filed on 19-Jul-95 A

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES, 1972 )PATENT OFFICE, CHENNAI BRANCH.

**4 CLAIMS**

An apparatus for flue gas desulfurization by wet process, the said apparatus comprising an absorption tower having a slurry containing calcium compound supplied in the bottom tank, a circulation pump for feeding the slurry in the tank in to the flue gas inlet in the upper part of the absorption tank to contact with flue gas, and air feed means for feeding air for oxidizing in to the tank, thereby absorbing and oxidizing sulfur dioxide in the flue gas by the slurry to obtain gypsum as by product, where in a vacuum type belt filter is disposed along the outer surface of side wall of the absorption tower, and part of the slurry discharges from the circulation pump is led in to the belt filter to be dehydrated, thereby separating and recovering gypsum.

COMP.SPECN: 21 PAGES DRAWING: 3 SHEETS.

Ind. Cl. : 128 G 190115

Int Cl<sup>4</sup> : A 61 F 13 / 20

"AN APPLICATOR"

APPLICANT(S) : KIMBERLY-CLARK WORLDWIDE  
INCORPORATED A US COMPANY  
OF 401 N LAKE STREET  
NEENAH, WISCONSIN 54956  
USA

INVENTOR(S) : 1. STEVEN JAMES NIELSEN;  
2. ALLAN JAMES KRUEGER;  
3. NOEL JOHN RASMUSSEN;  
4. JEFFREY MICHAEL WEYENBERG.

Application No. 1003/MAS/95 filed on 7-Aug-95

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES, 1972 )PATENT OFFICE, CHENNAI BRANCH.

#### 24 CLAIMS

An applicator comprising a thin walled member adapted to hold and dispense a substance, said member being formed from at least two separate and distinct layers, said layer having an inner layer and an outer layer with said inner layer being more stretchable than said outer layer, said member having first and second spaced apart ends and an outwardly extending fingergrip ring integrally formed adjacent to said second end from said inner and outer layers.

COMP.SPECN:35 PAGES DRAWING: 6 SHEETS

3065677

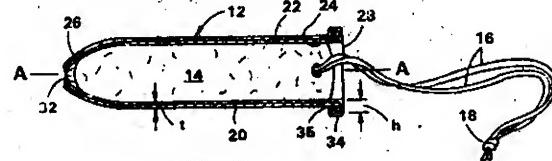


FIG. 2

Ind. Cl. : 172 C 1 190116

Int Cl<sup>4</sup> : D 01 G 25 / 00; 31 / 00

"A LAP PROCESSING MACHINE"

APPLICANT(S) : MASCHINENFABRIK RIETER AG,  
A BODY CORPORATE ORGANIZED  
UNDER THE LAWS OF SWITZERLAND  
OF WINTERTHUR  
SWITZERLAND

INVENTOR(S) : 1. GIANCARLO MONDINI; 2. FREDY WICHTERMANN;  
3. OLIVER WUST; 4. HELMUTH LANGEL;  
5. HEINZ CLEMENT.

APPLICATION NO : 1145 MAS 95 filed on 4-Sep-95

CONVENTION NO : 99009939.1 ON 2-May-90 GB

Divisional to Patent Application No:246/MAS/91  
Ante-dated to 26th Mar, 1991

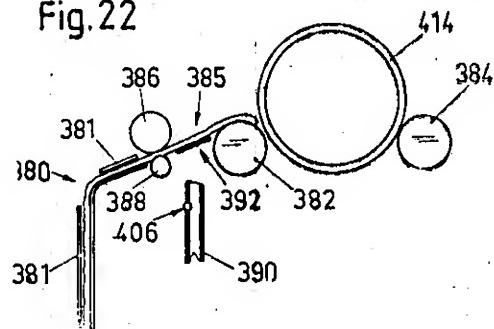
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
(RULE 4, PATENTS RULES, 1972) PATENT OFFICE, CHENNAI BRANCH.

### 5 CLAIMS

A lap processing machine comprising a carrier means (382,384,444,446) for supporting at least one lap roll therein; a lap processing head having lap processing elements for receiving a lap from said carrier means; a roll pair between said carrier means and said lap processing head for delivering a lap to said lap processing head; a pressure roll disposed adjacent said carrier means to define a nip therewith for selectively holding a lap there between to cause tearing of a lap between said nip and said roll pair while forming a trailing end on the lap extending to said roll pair; suction means (390,532) for positioning adjacent said nip to extract loose fibre from a leading end of a fresh lap extending therefrom; control means (364) for actuating said carrier means and said roll pair to effect superposition and joining of the leading end of a fresh lap with a trailing end of a lap extending from said roll pair during subsequent passage through said roll pair.

Fig. 22

COMP.SPCN: 35 PAGES DRAWING: 21 SHEETS



Ind.Cl.:

83 B 4

190117

Int Cl<sup>4</sup> :A 23 B 4 / 00  
A 01 F 25 / 00

"A LIQUID COMPOSITION FOR PRESERVING  
AQUATIC AND FRAM PRODUCE"

APPLICANT(S) :

NORSTAR TRADING LTD  
REGAL HOUSE, GROUND FLOOR  
QUEENSWAY  
GIBRALTER  
(A COMPANY REGISTERED UNDER THE  
LAWS OF GIBRALTER)

INVENTOR(S) :

1. MICHAEL NOONAN.

Application No.

69/MAS/96

filed on 16-Jan-96

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES, 1972 )PATENT OFFICE, CHENNAI BRANCH.

## 8 CLAIMS

A liquid composition for preserving aquatic and farm produce comprising at least one polyhydric alcohol in the range of 0.5% to 9% by weight of the total composition, ascorbic acid in the range of 0.5% to 7% by weight of the total composition and at least one food grade inorganic salt in the range of 0.25% to 6% by weight of the total composition dissolved in sterile water.

COMP.SPECN: 10 PAGES DRAWING: NIL SHEETS.

Ind. Class : 189

190118

Int. Cl.<sup>4</sup> : A 61K 7/46  
C 011 B 9/00

## “A METHOD OF PREPARING IMPROVED PERFUME COMPOSITION.”

Applicant : DRAGOCO GERBERDING &amp; CO. GMBH, of Drago-costrasse D-3450 Holzmidien, Germany, a German body Corporate.

Inventors : (1) Dr. BRUNKE, ERNST-JOACHIM, (GERMANY) &amp; (2). SCHATKOWSKI DIETMAR, (GERMANY).

Application No. 627/Mas/96 dated April 15, 1995.

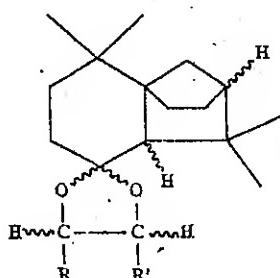
Divisional to Patent Application No. 124/MAS/92; Ante-dated to 3<sup>rd</sup> March, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent office, Chennai Branch.

## 2 Claims

A method of preparing improved perfume composition having enhanced and long lasting aroma properties comprising the step of adding upto 25% by weight of cyclic isolongifolanone ketals of the general formula.

A

wherein the wavy lines mean  $\alpha$  or  $\beta$  configuration and R and R' independently mean radicals selected from hydrogen, methyl group or ethyl group to conventional perfumes.

(Com.—30 pages;

Drwgs.—1 sheet)

Ind. Class : 187-H

190119

Int. Cl.<sup>4</sup> : H 04 L 27/18

**A MOBILE UNIT TRANSMIT MODULATOR FOR MODULATING AN INFORMATION SIGNAL IN A SPREAD SPECTRUM COMMUNICATION SYSTEM.**

Applicant : QUALCOMM INC., 10555 Sorrento Valley Road, San Diego, California 92191, U.S.A., a California (USA) Corporation.

Inventors : (1) KLEIN S. GILHOUSEN, (USA), (2) IRWIN M. JACOBS, (USA), (3) ROBERTO PADOVANI, (USA), (4) LINDSAY A. WEAVER Jr. (USA), (5) CHARLES E. WHEATLEY, (USA) & (6) ANDREW J. VITERBI, (USA).

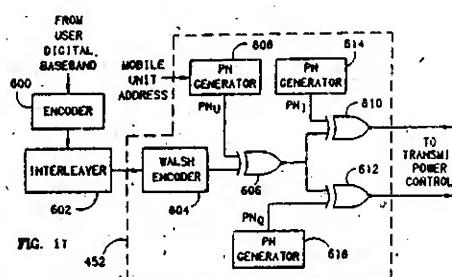
Application No. 1542/Mas/95, dated November 27, 1995.

Divisional to Patent Application No. 479/Mas/91 Ante-dated to 25th June, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent office, Chennai Branch.

4 Claims

A mobile unit transmit modulator for modulating an information signal in a spread spectrum communication system comprising orthogonal function encoder means (604) for receiving an input signal, converting sequential portions of said input signal into respective orthogonal function signal portions wherein each orthogonal function signal portion is representative of an orthogonal function selected from a plurality of orthogonal functions according to a value of said respective input signal portion, and providing an output of said orthogonal function signal portions; spreading means (610, 612, 614, 616) for receiving each of said orthogonal function signal portions, generating a pseudorandom noise (PN) signal of a predetermined PN code, combining said orthogonal function signal portions with said PN signal, said providing an output PN spread signal; and additional spreading means (606, 608) for receiving each of said orthogonal function signal portions, generating an additional pseudorandom noise (PN) signal of a predetermined PN code, combining said orthogonal function signal portions with said additional PN signal, and providing an output PN spread signal to the said first spreading means.



Ind. Cl. : 32 C & 56 C 190120

Int Cl 4 : C 12 N 9 / 00  
B 01 D 9 / 02

"A METHOD OF PRODUCING PURIFIED CRYSTALLINE  
CELLULASE FROM A CELLULASE CONTAINING  
FERMENTATION BROTH"

APPLICANT(S) : NOVOZYMES A / S  
A DANISH COMPANY  
OF KROGSHOJVEJ 36, DK-2880  
BAGSVARED  
DENMARK

INVENTOR(S) : 1. ANDERS RANCKE-MADSEN;  
2. MADS AAGE LAUSTSEN.

APPLICATION NO : 552 MAS 97 Filed on 17-Mar-97

CONVENTION NO : 0305 / 96 ON 15-Mar-96 DANISH

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
(RULE 4, PATENTS RULES, 1972 )PATENT OFFICE, CHENNAI BRANCH.

9 CLAIMS

A method for producing purified crystalline cellulase from a cellulase containing fermentation broth, said method comprising the steps of:

- (a) subjecting said broth to solid/liquid separation and concentration in a known manner
- (b) adding to said separated and concentrated broth a C<sub>1</sub> to C<sub>3</sub> aliphatic alcohol or a C<sub>3</sub> to C<sub>5</sub> ketone to crystallise cellulose therefrom and recovering this crystallised cellular therefrom in a known manner.

Ind.Cl : 32 F<sub>3</sub> 190121  
 Int.Cl<sup>4</sup> : C 12 P 7/40  
 Title : A PROCESS FOR PRODUCING ACETIC ACID.  
 Applicant : BIOENGINEERING RESOURCES INC. OF 1650 EMMAUS  
 ROAD, FAYETTEVILLE, ARKANSAS 72701, U.S.A.  
 Inventor : GADDY JAMES L.  
 Application no. 1209/CAL/96 FILED ON 01.07.1996.

Appropriate office for opposition proceeding (Rule 4, Patent Rules 1972)

Patent Office Kolkata.

**31 CLAIMS.**

A process for producing acetic acid comprising the steps of :

- (a) providing a continuous flow of gas selected from the group consisting of
  - (i) a gas comprising carbon monoxide,
  - (ii) a gas comprising carbon monoxide and hydrogen , and
  - (iii). a gas comprising hydrogen and carbon dioxide;

into a bioreactor;

the bioreactor comprising an aqueous nutrient medium an anaerobic, acetogenic C. ljungdahlii ERI-2 bacterium and optionally another bacteria;

- (b) directing a continuous flow of the aqueous nutrient medium into the bioreactor;
- (c) fermenting the aqueous nutrient medium and the gas, using the anaerobic, acetogenic C.ljungdahlii ERI-2 bacterium at a pH of less than about 5.1 in the bioreactor;

wherein at least 2 g/L of the acetic acid is produced in free acid form in the bioreactor in liquid effluent;

- (d) removing continuously a portion of said liquid effluent comprising acetic acid from said bioreactor , and
- (e) recovering the acetic acid therefrom by contracting the removed liquid effluent comprising the acetic acid with a water-immiscible solvent having an affinity for the acetic acid in an extraction chamber and optionally distilling the acetic acid from the solvent /acid/water solution in a distillation column.

**Complete Specification : 50 pages. Drawing : 5 sheets.**

Ind.Cl	:	187 d	190122
Int.Cl <sup>4</sup>	:	H 04 B-- 5/04	
Title	:	<b>A WIDE AREA PAGING SYSTEM.</b>	
Applicant	:	<b>SAMSUNG ELECTRONICS CO. LTD. OF 416, MAETAN-DONG PALDAL-GU, SUWON-CITY, KYUNGKI-DO, KOREA.</b>	
Inventor	:	DUK-CHANG LEE.	
Application no.	:	1279/CAL/96 FILED ON 15.7.1996.	
(Convention no. 21626/1995 FILED ON 21.7.1995 IN KOREA.)			

Appropriate office for opposition proceeding (Rule 4, Patent Rules 1972)

Patent Office Kolkata.

### 2 CLAIMS.

A wide area paging system connected to a public switched telephone network (PSTN) for performing a data communication with paging systems of other areas through a wide area network, the system comprising :

An incoming processor for interfacing for receiving an incoming call from the public switched telephone network;

A telephone number translator for translating the incoming call from the incoming processor;

An access switching subsystem-paging terminal for performing an intra-office call process when the incoming call is an intra-office incoming call and requesting a wide area call process when the incoming call is wide area call;

A wide area call processor for reading a data base of a corresponding subscriber when the wide area call process is requested and packing information of a wide area paging message, to thereby send a wide area signal message according to a class of the wide area service to a message transfer part (MTP);

A message transfer part (MTP) for transmitting the wide area signal message from the wide area call processor to a message transfer part of a corresponding incoming paging system through the wide area network and checking a wide area signal message received through the wide area network, to thereby perform an intra-office call process when the received wide area signal message is an intra-office call and to request a wide area call process when the received wide area signal message is a wide area call.

*Complete Specification : 16 pages. Drawing : 5 sheets.*

Ind.Cl : 69 I 190123

Int.Cl<sup>4</sup> : H 02 H – 3/00 , H 01 H 43/00

Title : A PROTECTIVE RELAY APPARATUS USING AN ADAPTIVE POLARIZING MEMORY VOLTAGE TIME CONSTANT.

Applicant : SCHWEITZER ENGINEERING LABORATORIES, INC. OF 2350 NORTHEAST HOPKINS COURT, PULMAN, WA99163 UNITED STATES OF AMERICA.

Inventor : 1. JEFFREY B. ROBERTS.  
2. DAQING HOU.

Application no. 1766/CAL/96 FILED ON 07.10.1996.  
(Convention no. 08/544,274 FILED ON 17.10.1995 IN USA)

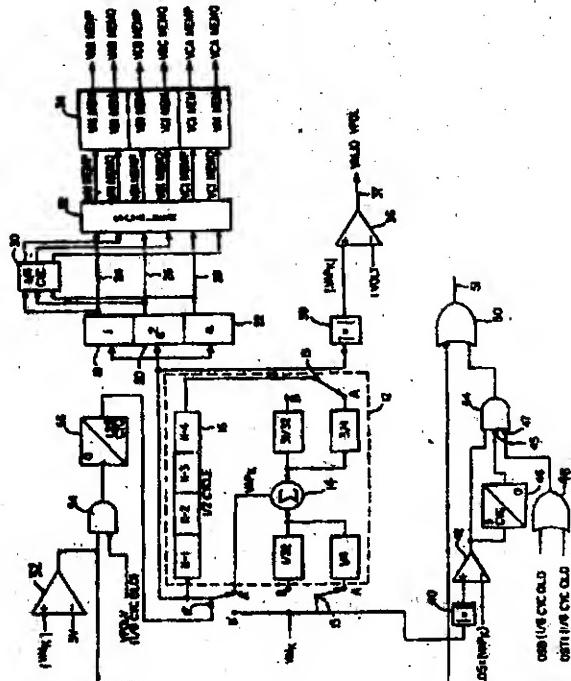
Appropriate office for opposition proceeding (Rule 4, Patent Rules 1972)

Patent Office Kolkata.

### 14 CLAIMS.

A protective relay apparatus using an adaptive polarizing memory voltage time constant which consists of a plurality of relay element which use a polarizing memory voltage as a reference voltage to determine selected fault conditions on a power transmission line the improvement characterized in that

Means (13) in the polarizing memory voltage generating means (12) for automatically changing by means (50) between at least two different time constant used for said polarizing memory voltage in accordance with preselected criteria.



Ind.Cl : 136 D **190124**  
 Int.Cl<sup>1</sup> : B 29 C 47/04  
 Title : METHOD AND APPARATUS FOR SOLID PROTOTYPING.  
 Applicant : STRATASYS INC., OF 14950 MARTIN DRIVE, EDEN PRAIRIE,  
 MINNESOTA 55344-2020, U.S.A.  
 Inventor : 1. JOHN S. BATCHELDER.  
 2. ROBERT R. JACKSON.  
 Application no. 1922/CAL/.96 FILED ON 04.11.1996.  
 (Convention no. 08/556,583 FILED ON 13.11.1995 IN U.S.A.)

Appropriate office for opposition proceeding (Rule 4, Patent Rules 1972)

Patent Office Kolkata.

### 11 CLAIMS.

Apparatus for making a three-dimensional physical object by sequentially depositing, in a pattern, multiple layers of a solidifiable material on a support member, said apparatus comprising :

Nozzle means for providing an extruded material;

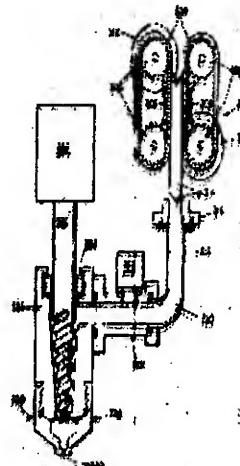
Pump means having an input and an output, said output in fluid communication with said nozzle means and providing a pressurized flow of said solidifiable material in a fluid state to said nozzle means ;

Motive means coupled to said pump means for enabling said pump means to provide a variable level of pressurization and rate of flow of said solidifiable material to said nozzle means; and

A pressurization stage having an outlet coupled to said inlet of said pump means, for providing to said inlet said solidifiable material in a fluid state and at a determined pressure which assures, for all operational levels of pressurization and rates of flow in said pump means , that a continuous quantity of said solidifiable material is available at said inlet for continuous operation of said pump means, assuring an uninterrupted flow of said solidifiable material to and through said nozzle means , said solidifiable material supplied to said pressurization stage as a solid said , pressurization stage including:

A conduit for receiving said solid and for applying heat thereto to convert said solid to a fluid state of said solidifiable material; and

Drive means for physically impelling said solid into said conduit so as to pressurize said fluid state of said solidifiable material to said determined pressure.



*Complete Specification : 21 pages. Drawing : 5 sheets.*

Ind.Cl : 206 A, C 190125  
 Int.Cl : H 01 Q - 1/32, H 04 B - 1/48  
 Title : RADIO STATION HAVING A REMOTE ANTENA UNIT.  
 Applicant : SIMENS AKTIENGESELLSCHAFT  
               OF WITTELSBACHERPLATZ 2, 80333 MUNCHEN GERMANY  
 Inventor : 1. WERNER KORTE.  
               2. HERMANN-JOSEF EUL.

Application no. 1987/CAL/96 FILED ON 15.11.1996.

(Convention no. 19547288.8 FILED ON 18.12.1995 IN GERMANY.)

Appropriate office for opposition proceeding (Rule 4, Patent Rules 1972)

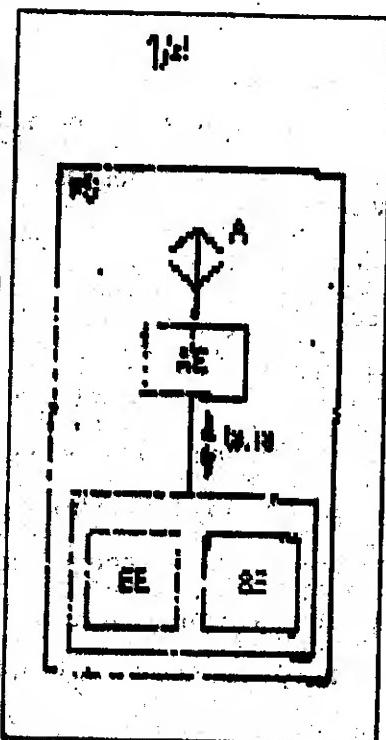
Patent Office Kolkata.

### 11 CLAIMS

Radio station (FS) having at least one receiving unit (EE) for evaluating received signals (rs), having at least one transmitter unit (SE) for producing transmitted signals (ts), and having at least one remote antenna unit (AE) which has a transmitting and receiving antenna (A), as well as having a duplexer (DPX) for connecting lines of the transmitting path and of the receiving path characterized in that

said duplexer (DPX) is assigned to the antenna unit (AE), and

said duplexer (DPX) is arranged close to the antenna, that is, at a relatively long distance from the receiving unit (EE) and from the transmitter unit (SE).



*Complete Specification : 12 pages. Drawing : 4 sheets.*

Ind.Cl : 128 E. 190126

Int.Cl<sup>4</sup> : A 61 N 5/067

Title : A LASER BEAM OPHTHALMOLOGICAL SURGERY APPARATUS

Applicant : 1. GABRIEL SIMON OF MAESTRE NICOLAU # 23-6A  
08021 BARCELONA, SPAIN.  
2. CHENG-HAO HUANG, 8843 LARWIN LANE, ORLANDO  
FLORIDA 32817, U.S.A.

Inventor : 1. GABRIEL SIMON  
2. CHENG-HAO HUANG

Application no. 2081/cal/96 FILED ON 02.12.1996.

Appropriate office for opposition proceeding (Rule 4, Patent Rules 1972)

Patent Office Kolkata.

7 CLAIMS.

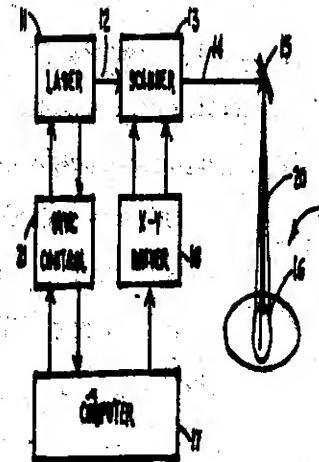
A laser beam ophthalmological surgery apparatus (10) comprising :

A device (11) for generating laser beam (12);

A scanner (13) positioned for receiving said laser beam (12) from said laser (11) and producing a predetermined scanning pattern from the laser beam (12) impinging thereupon;

A computer (17) for generating a random scanning pattern signal therein, said computer (17) being connected to said scanner (13) through drivers (18) for controlling said scanner (13) to produce a random overlapping scanning beam pattern from said laser beam (12) over a predetermined area; and

An optical device (15) for directing said random pattern scanning beam onto the cornea (16) of a patient's eye for ablating a portion of the cornea (16) of the eye whereby a laser beam (12) can perform a surgical procedure on a patient's eye.



Complete Specification : 13 pages.

Drawing : 1 sheets.

Ind. Cl. : 32 E. 19012  
Int.Cl<sup>4</sup> : C 08 F - 236/20, 4/64, 210/02, 212/04  
Title : A METHOD FOR PRODUCING AN UNSATURATED COPOLYMER  
BASED ON OLEFIN.  
Applicant : MITSUI CHEMICALS INC., OF 2-5, KASUMIGASEKI 3-CHOME  
CHIYODA-KU, TOKYO, JAPAN.  
Inventor : 1. TOSHIYUKI TSUTSUI.  
              2. MASAAKI KAWASAKI.

Application no. 2242/CAT/1996 FILED ON 24.12.1996

(Convention no. 7-353315/1995 FILED ON 29 12 1995 IN JAPAN)

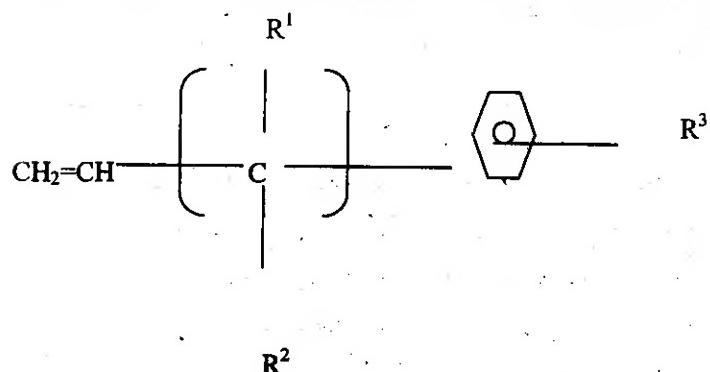
Appropriate office for opposition proceeding (Rule 4, Patent Rules 1972)

Patent Office Kolkata

8 CLAIMS.

A method for producing an unsaturated copolymer based on olefin; such as herein described,  
Comprising subjecting

- (a-1) an  $\alpha$ -olefin having 2-20 carbon atoms  
 (a-2) an vinyl monomer having an aromatic ring, as represented by the general formula (1) given below  
 and (a-3) a chain-formed non-conjugated triene or tetraene having one vinyl group in the molecule to a copolymerization in the presence of a catalyst formed from a transition metal compound, such as herein described, an organic aluminium compound, such as herein described, and/or an ionized ionic compound, such as herein described, to form a random copolymer comprising constituent structural units of  
 (b-1) 30-99.8 mole% of a structural unit derived from said  $\alpha$ -olefin (a-1),  
 (b-2) 0.1 - 60 mole % of a structural unit derived from said vinyl monomer (a-2) and  
 (b-3) 0.1 - 10 mole % of a structural unit derived from said non-conjugated triene or tetraene (a-3)  
 and having an intrinsic viscosity  $[\eta]$  determined in Decalin at  $135^{\circ}\text{C}$  in the range from 0.05 to 10 dl/g.



Wherein m is an integer of 0.5 and R<sup>1</sup>, R<sup>2</sup> and R<sup>3</sup> may be identical with or different from each other and denote each hydrogen atom or an alkyl group having 1-8 carbon atoms.

*Complete Specification : 137 pages. Drawing : Nil sheets*

Ind.Cl : 32 C 190128  
 Int.Cl<sup>4</sup> : C 07 C 29/136  
 Title : PROCESS FOR THE PREPARATION OF HYDROXY  
           COMPOUNDS BY REDUCING CARBONYL COMPOUNDS.  
 Applicant : KANEKA CORPORATION, OF 2-4, NAKANOSHIMA 3-CHOME  
           KITA-KU, OSAKA-SHI, OSAKA 530, JAPAN.  
 Inventor : 1. TADASHI SUGAWA.  
           2. TADASHI MOROSHIMA.  
           3. KENJI INOUE.  
           4. KAZUNORI KAN.  
 Application no. 173/CAL/97 FILED ON 29.01.1997.  
 (Convention nos 8-035632 AND 8-037256 FILED ON 29.01.1996 AND ON 30.01.1996 IN  
 JAPAN.)

Appropriate office for opposition proceeding (Rule 4, Patent Rules 1972)

Patent Office Kolkata.

**24 CLAIMS.**

A process for reducing carbonyl compounds to produce an erythro form of the corresponding alcohol compounds which comprises reacting a carbonyl compound of the general formula (1)

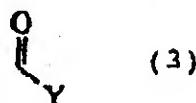


wherein R<sup>1</sup> and R<sup>2</sup> each independently represents a substituted or unsubstituted alkyl group containing 1 to 30 carbon atoms, a substituted or unsubstituted aralkyl group containing 7 to 30 carbon atoms, a substituted or unsubstituted aryl group containing 6 to 30 carbon atoms, a cyano group, a hydrogen atom, a group of the general formula (2)

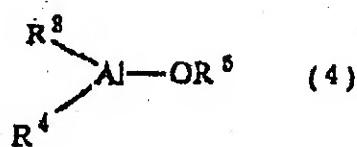


(2)

in which X represents a halogen atom and n represents an integer of 0 to 2, or a group of the general formula (3)

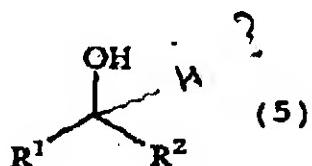


in which Y represents an alkoxy group, an aralkyloxy group a substituted or unsubstituted amino group or an alkylthio group, provided that one of R<sup>1</sup> and R<sup>2</sup> is a substituted or unsubstituted alkyl group containing 1 to 30 carbon atoms, a substituted or unsubstituted aralkyl group containing 7 to 30 carbon atoms or a substituted or unsubstituted aryl group containing 6 to 30 carbon atoms, with an organoaluminium compound of the general formula (4)



wherein R<sup>3</sup> and R<sup>4</sup> each independently represents a substituted or unsubstituted alkyl group containing 1 to 10 carbon atoms, a substituted or unsubstituted aralkyl group containing 7 to 20 carbon atoms or a

substituted or unsubstituted aryl group containing 6 to 20 carbon atoms and R<sup>5</sup> represents a substituted or unsubstituted primary alkyl group containing 1 to 20 carbon atoms, a substituted or unsubstituted secondary alkyl group containing 1 to 20 carbon atoms, a substituted or unsubstituted primary aralkyl group containing 7 to 30 carbon atoms or a substituted or unsubstituted secondary aralkyl group containing 7 to 30 carbon atoms, at a temperature of - 10 to 60°C to provide the corresponding alcohol compound of the general formula (5)



wherein R<sup>1</sup> and R<sup>2</sup> are as defined above.

Ind.Cl : 187 H **190129**  
Int.Cl<sup>4</sup> : H 04 Q 7/30  
Title : A MOBILE COMMUNICATION NETWORK FOR  
ADMINISTERING SUPPLEMENTARY SERVICES IN A MOBILE  
COMMUNICATION SYSTEM.  
Applicant : SIMENS AKTIENGESELLSCHAFT, OF  
WITTELSBACHERPLATZ 2, 80333 MUNCHEN GERMANY  
Inventor : DR. REINHARD BECHER.  
Application no. : 266/CAL/97 FILED ON 14.02.1997.  
(Convention no. 19608464.4 FILED ON 01.03.1996 IN GERMANY.)

Appropriate office for opposition proceeding (Rule 4, Patent Rules 1972)

Patent Office Kolkata.

**14 CLAIMS.**

A mobile communication Network for administering supplementary services in a mobile communication system comprising :

- interconnected switching equipment (VMSC, GMSC) connected to a communication terminals (MS) via a base station (BS) permitting subscriber access;
- at least one service control unit (SCP), controlling a respective supplementary service (SS);
- at least two memory units operating as home register and visitor register (HLR, VLR) for a subscriber specific data (TD), there being contained subscriber specifically additional information (IN-service-Info) in both said memory units (HLR, VLR) on respective assignment of said supplementary services (SS) to said service control units (SCP) and on the status of respective supplementary services (SS) and each time a memory unit (VLR, HLR) is newly assigned to a subscriber and each time said additional information (IN-service-Info) is changed.

*Complete Specification : 15 pages.*

*Drawing : 4 sheets.*

Ind.Cl	:	55 E <sub>2</sub>	190130
Int.Cl <sup>4</sup>	:	A 61 K 35/78	
Title	:	A PROCESS FOR THE PREPARATION OF AN ANTI-EPILEPTIC OIL FROM THE PLANT PONGAMIA PINNATA.	
Applicant	:	DR. SHEO SANKAR MAHLI, QTR. NO. 4, TYPE – III, G E BLOCK , CUSTOMS QTRS. COMPLEX, (NEAR TANK NO.12), SALT LAKE, CALCUTTA 700 091 AND DR. SAUMYA PRIYA BASU, B-6 B I T CAMPUS, BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI, JARKHAND – INDIA.-835215	
Inventor	:	<ol style="list-style-type: none"> <li>1. DR. SHEO SANKAR MAHLI.</li> <li>2. DR. SAUMYA PRIYA BASU.</li> </ol>	
Application no.	61/KOL/01 FILED ON 05.02.2001.		

Appropriate office for opposition proceeding (Rule 4, Patent Rules 1972)

Patent Office Kolkata.

**8 CLAIMS.**

A process for the preparation of an anti-epileptic oil from the plant Pongamia Pinnata comprising subjecting the powdered seeds of the plant to solvent extraction using a non-polar organic solvent, followed by removal of the solvent to obtain an oil, diluting the oil and allowing crystals of Karanjin to appear, followed by separation of the crystals, subjecting the mother liquor to distillation and purification to obtain the anti-epileptic oil.

*Complete Specification : 5 pages. Drawing : Nil sheets.*

### OPPOSITION PROCEEDINGS

The opposition as entered by M/s. Bharat Heavy Electricals Ltd., Hyderabad to the grant of a patent on Application No. 182663 (1070/Cal/94) made by M/s. Babcock & Wilcox Company, U.S.A. as notified in Gazette of India, Part III, Section 2, dated 12th June, 1999 has been dismissed and it is ordered that the application for Patent No. 182663 shall proceed to sealing in prescribed manner.

An opposition has been entered by M/s. Depenning & Depenning, Chennai on behalf of Novozymes A/S Denmark, Danish Company in respect of Patent Application No. 188665 (786/Del/95) dated 28.04.1995 made by The Procter & Gamble Company.

### RESTORATION UNDER SECTION 60 OF THE PATENTS ACT, 1970

Notice is hereby given that an application for restoration of Patent No. 177288 made by Israel D Nøenzahl on 18.01.2002 has been allowed and the said patent is restored.

Notice is hereby given that an application for restoration of Patent No. 180188 made by National Council for Cement and Building Materials on 26.12.01 has been allowed and the said patent is restored.

### RESTORATION PROCEEDINGS

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 181669 granted to Włodzimierz Ludwik Grocholski for an invention relating to an apparatus for producing dehydrated biological products.

The Patent ceased on the 02.10.01 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 08.02.03.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Kolkata-700 020 on or before the 07.08.03 under Rule 69 of the Patents Rules, 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 181917 granted to Goldstar Co. Ltd. for an invention relating to a buzzer system for a microwave oven.

The Patent ceased on the 28.09.01 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 08.02.03.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Kolkata-700 020 on or before the 07.08.03 under Rule 69 of the Patents Rules, 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 184055 granted to Ajinkya Naik for an invention relating to a two or three wheeled automobile having an integrated combustion engine with integrally formed pump.

The Patent ceased on the 24.10.02 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 08.02.03.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Kolkata-700 020 on or before the 07.08.03 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 184195 granted to Phillips Petroleum Company for an invention relating to a process for producing a polyolefin.

The Patent ceased on the 30.8.01 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the gazette of India, Part III, Section 2 dated the 08.02.03.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Kolkata-700 020 on or before the 07.08.03 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

#### CESSATION OF PATENTS

179309 179310 182944 183099 184914 184942 185225 187046.

#### RENEWAL FEES PAID

179339	185845	183855	183751	179883	187742	184792	187794	180468	175817	187720	187757	187840
173642	180531	187730	187787	184083	183979	186859	187638	179268	182889	184920	176790	182049
187673	187743	187621	187795	183014	184335	187721	187758	179452	184201	179633	187745	187819
184119	174332	187728	184461	181310	186464	179379	187652	187673	181203	187622	187797	181201
184354	187722	187759	179615	184355	184084	187746	187824	176641	175892	180456	175418	181625
179341	181170	187655	187676	179679	187624	187798	184066	184986	187725	187760	183749	184351
187771	187825	179036	176631	187747	180545	175663	178044	175819	183125	187656	187677	183303
187626	183851	171685	187697	187726	187812	179317	186483	183015	187772	187826	180464	179639
183978	175664	183743	183012	179708	187658	187678	181313	187634	179416	184062	187698	187748
187813	181169	181314	179208	187773	187828	184070	183741	183848	179311	180418	181168	181165
187659	187691	175185	187751	181492	187639	187713	187749	187814	184332	183980	187633	187775
181943	179918	179892	180458	179156	184061	183990	187660	187692	187674	187791	183109	184180
187718	187753	187815	180805	180526	187637	187784	183304	179920	186856	186465	180467	181944
184255	187671	187741	187645	187793	175671	183689	187719	187754	187838	180806	180527	187699
187786	180455	183017	186857									

PATENT SEALED ON 14.05.2003

187224*	187229*	187237*	187598	187902	188252	188255	188256	188257	188258	188260	188261	188263
188264	188265	188268	188270	188275	188277	188278	188279	188281	188284	188287	188288	188296
188300	188301	188302	188310	188457								

KOL—1, DEL—16, MUM—14, CHEN—NIL.

\*Patent shall be deemed to be endorsed with the words "LICENCE OF RIGHT" under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

\* D=Drug Patents

\* F=Food Patents.

**REGISTRATION OF DESIGNS**

The following designs have been registered. They are open for public inspection from the date of registration.

The date shown in the each entries in the date of registration included in the entries.

- Class. 07-02 No.190718. PUSH PANJALI MARKETING (P) LTD., 3, Amartalla Street, 2<sup>nd</sup> Floor, Room No.27, Kolkata:-700001, W.B., India. "WEIGHT SET OF PRESSURE COOKER", 13 DECEMBER 2002..
- Class. 19-06 No.190747. SURYAKIRAN UDYOG PVT. LTD., Plot No.77-B, Sector-5, Imt-Manesar, Delhi-Jaipur Highway, Gurgaon-122050, Haryana, India. "PEN TIP", 17 DECEMBER 2002.
- Class. 08-08 No.190751. KRISHAN KUMAR GUPTA, N-1, Chittaranjan Park, New Delhi:-110019, India. "TOWER BOLT", 18 DECEMBER 2002.
- Class. 28-03 No.190771. B.R. PLASTICS, 314, A to Z, 3<sup>rd</sup> Floor Industrial Estate, G. Kadam Marg, Mumbai:-400013, Maharashtra, India. "HANDLE OF FOLDING COMB", 23 DECEMBER 2002.
- Class. 28-03 No.190772. B.R. PLASTICS, 314, A to Z, 3<sup>rd</sup> Floor Industrial Estate, G. Kadam Marg, Mumbai:-400013, Maharashtra, India. "HANDLE OF THE FOLDING COMB", 23 DECEMBER 2002.
- Class. 28-03 No.190771. B.R. PLASTICS, 314, A to Z, 3<sup>rd</sup> Floor Industrial Estate, G. Kadam Marg, Mumbai:-400013, Maharashtra, India. "FOLDING COMB", 23 DECEMBER 2002.
- Class. 19-06 No.190833. MR. VINOD SACHDEV, 603, Narasha Towers, Versova Link Road, 7 Bunglows, Andheri (W), Mumbai:-400061, Maharashtra, India. "PEN", 26 DECEMBER 2002.
- Class. 27-01 No.190830. SOEX INDIA PVT. LTD., Post Bag No.9992, Nirmal, 21<sup>st</sup> Floor, Mumbai:-400021, Maharashtra, India. "BIDI/CEGARATTE FILTER", 26 DECEMBER 2002.

Class.	19-06	No.191174. SING-WRITE, 702, Gateway Plaza, Hiranandani Gardens, Powai, Mumbai:-400 076, Maharashtra, India. "WRITING INSTRUMENT", 31 JANUARY 2003.
Class.	19-06	No.191173. SING-WRITE, 702, Gateway Plaza, Hiranandani Gardens, Powai, Mumbai:-400 076, Maharashtra, India. "WRITING INSTRUMENT", 31 JANUARY 2003.
Class.	19-06	No.191171. SING-WRITE, 702, Gateway Plaza, Hiranandani Gardens, Powai, Mumbai:-400 076, Maharashtra, India. "WRITING INSTRUMENT", 31 JANUARY 2003.
Class.	19-06	No.191170. SING-WRITE, 702, Gateway Plaza, Hiranandani Gardens, Powai, Mumbai:-400 076, Maharashtra, India. "WRITING INSTRUMENT", 31 JANUARY 2003.
Class.	19-06	No.191178. ADD PENS LTD., Business Park, 6 <sup>th</sup> Floor, Chincholi Naka, S.V. Road, Malad(W), Mumbai:-400 064, Maharashtra, India. "WRITING INSTRUMENT", 31 JANUARY 2003.
Class.	19-06	No.191177. ADD PENS LTD., Business Park, 6 <sup>th</sup> Floor, Chincholi Naka, S.V. Road, Malad(W), Mumbai:-400 064, Maharashtra, India. "WRITING INSTRUMENT", 31 JANUARY 2003.
Class.	12-11	No.189708. VISHIVKARMA INDUSTRIES (P) LTD., Gill Road, Ludhiana-141003, (Punjab) India. "BI-CYCLE BRAKE LEVER", 9 AUGUST 2002.
Class.	10-07	No.188751. PARMIGIANT MESURE ET ART DU TEMPS S.A, 33, Rue De l'Hopital, 2114, Fleurier, Switzerland. "WATCH CASE", 8 APRIL 2002.
Class.	21-01	No.188147. M/S. HINDAL TOYS, A/28, Gali No.3, Jafrabad, Delhi-110053, (India). "TOY", 15 FEBRUARY 2002.
Class.	01-01	No.188876. P.T. ARNOTT'S INDONESIA, Jl. H. Wahab Affan No.8, (Raya Bekasi Km.28) Bekasi 17132, Jawa Barat, Indonesia. "WAFER STICK IN SPECKLE MOTIF", 29 APRIL 2002.

- Class. 13-03 No.188795.LARSEN & TOUBRO LTD., L & T House, Ballard Estate, Mumbai:-400001, Maharashtra, India. "ELECTRICAL CONTRACTOR", 19 APRIL 2002.
- Class. 23-01 No. 187552. AMERICAN STANDARD INTERNATIONAL INC., 15 West 54<sup>th</sup> Street, New York, New York 10019, U.S.A., "VALVE BODY AND SPOUT", 14 JUNE 2001 [RECIPROCITY SOUTH KOREA].
- Class. 07-07 No.188874. PETER CARRASCO, 403, Kshitij, Fourth Floor, Near HDFC Bank,, Juhu-Versova Link Road, Andheri(W), Mumbai:-400 053, Maharashtra, India. "TUBE SQUEEZER", 29 APRIL 2002.
- Class. 09-04 No.189150. NIOVEL APPLIANCES INDIA, 305 Dol-Bin Shir, 69/71 Ghoga Street, Fort, Mumbai:-400 001, Maharashtra, India. "BASKET", 3 JUNE 2002.
- Class. 02-04 No.189803. DHUPAR SHOE AID (P) LTD., 7/82, Tilak Nagar, Kanpur, (U.P.), India. "SOLE OF FOOTWEAR" 23 AUGUST 2002..
- Class. 13-03 No.187970.LARSEN & TOUBRO LTD., L & T House, Ballard Estate, Mumbai:-400001, Maharashtra, India. "ELECTRICAL CONTRACTOR", 31 JANUARY 2002.
- Class. 02-04 No.187843. LIBERTY SHOE LTD. Liberty Puram, 13, Milestone, Gt Karnal Road, Kutail, Dt-Karnal-132001, Haryana, India. "SOLE FOR FOOTWEAR", 22 JANUARY 2002.
- Class. 09-03 No.188274, PRINCE PLASTICS INTERNATIONAL PVT. LTD., 51(3), Marol Co-Op. Indl. Estate, M.V. Road, Andheri(E), Mumbai:-400059, Maharashtra, India. "CONTAINER", 28 FEBRUARY 2002.
- Class. 13-03 No.188700.M/S. ALLIED MANUFACTURING COMPANY, 114, Ciem Industrieal Estate, Ramchandra Lane Ext., Malad(W), Mumbai:-400064, Maharashtra, India. "ELECTRIC SWITCH", 5 APRIL 2002.

Class.	15-01	No.188919.GREAVES LTD., Industry Manor, Appsahab Marathé Marg, Prabhadevi, Mumbai:-400025, Maharashtra, India. "BASE ENGINE", 6 MAY 2002.
Class.	09-03	No.188856. CADILA HEALTHCARE LTD., Zydus Tower, Satelite Cross Road, Ahmedabad:-380 015, (Gujarat), India. "CONTAINER", 26 APRIL 2002.
Class.	13-03	No.188746.CONA INDUSTRIES, 20/21, Neeraj Industrial Estate, Off Mahakali Caves Road, Andheri(E), Mumbai:-400093, Maharashtra, India. "ELECTRIC SWITCH SOCKET COMBINED WITH FUSE & INDICATOR", 10 APRIL 2002.
Class.	28-01	No.188763. SUN PHARMACEUTICAL INDUSTRIES LTD., Acme Plaza, Opp: Sangam Cinema, Andheri (E), Mumbai:-400 059, Maharashtra, India. "INHALER", 12 APRIL 2002.
Class.	30-03	No.188772. M/S. KUMAR STEELS INC., B-68/2 Wazir Pur Industrial Area, New Delhi. "INSECT REPELLENT DOG BOWL", 17 APRIL 2002.
Class.	21-01	No.187719.M/S. RATTANDEEP ENTERPRISES, MB-III, Shakarpur, New Delhi:-110 092, India. "TOY", 3 JANUARY 2002.
Class.	19-06	No.189076.DARSHAK FRAMES, Habib Mansion, Room No.07 and 09, Dr. Ambedkar Road, Parle, Mumbai:-400012, Maharashtra, India. "PENCIL BOX", 21 MAY 2002.
Class.	10-05	No.188895.VETAL TEXTILES & ELECTRONICS PVT. LTD., Plot No.1, Industrial Estate for Electrical & Electronics, Civil Aerodrome Post, Coimbatore 641014, Tamil Nadu, India. "SLIRO MASTER", 1 MAY 2002.
Class.	09-01	No.188284. MESO PVT. LTD., 101 Centre Point, Jijibhai Lane, Lalbaug, Opp. Parel Post Office, Mumbai:-400012, Maharashtra, India. "BOTTLE", 28 FEBRUARY 2002.
Class.	21-01	No.187721.M/S. RATTANDEEP ENTERPRISES, MB-III, Shakarpur, New Delhi:-110 092, India. "TOY", 3 JANUARY 2002.

- Class. 09-01 No.188283. MESO PVT. LTD., 101 Centre Point, Jijibhai Lane, Lalbaug, Opp. Parel Post Office, Mumbai:-400012, Maharashtra, India. "BOTTLE", 28 FEBRUARY 2002.
- Class. 13-03 No.188164.CONA INDUSTRIES, 20/21, Neeraj Industrial Estate, Off Mahakali Caves Road, Andheri(E), Mumbai:-400093, Maharashtra, India. "ELECTRIC DAUBLE POLE SWITCH", 10 APRIL 2002.
- Class. 07-06 No.188033.VENUS INDUSTRIES, WZ-1, Basai, Najafgarh Road, New Delhi; -110015, (India). "TOWEL HOLDER", 6 FEBRUARY 2002..

(H.C. BAKSHI)  
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